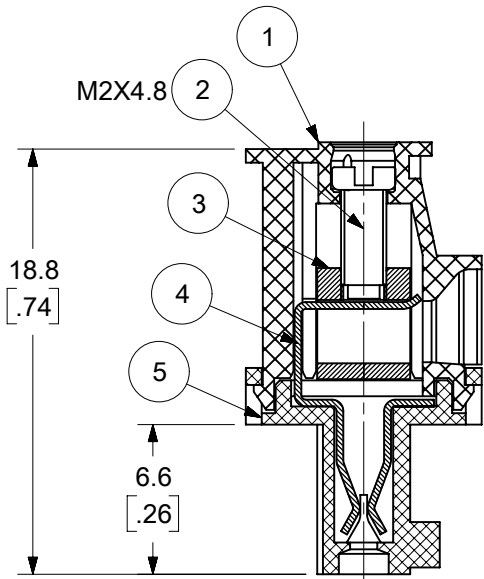
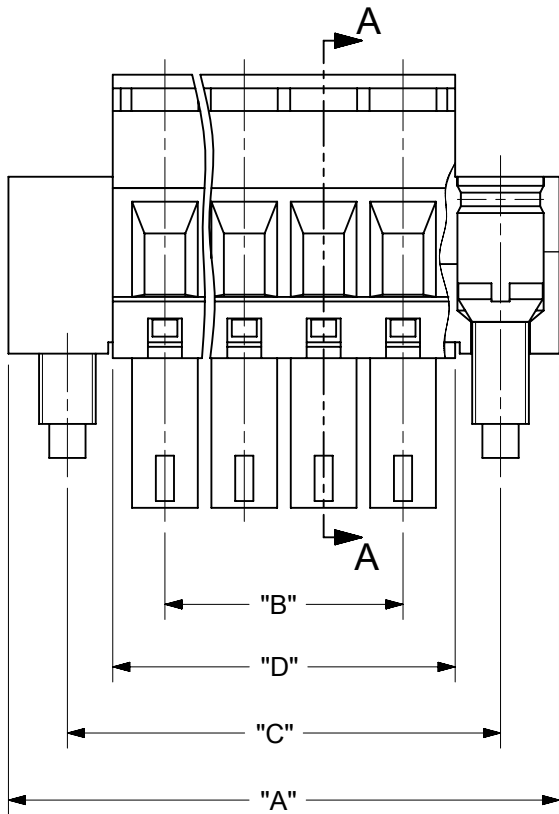
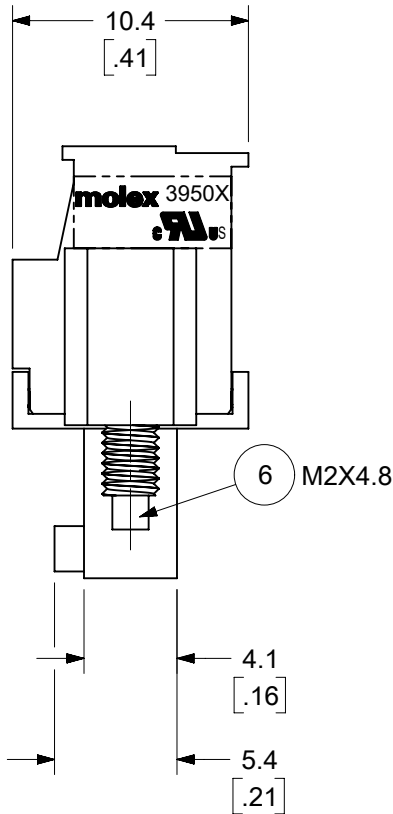
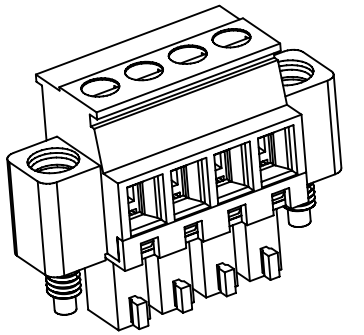
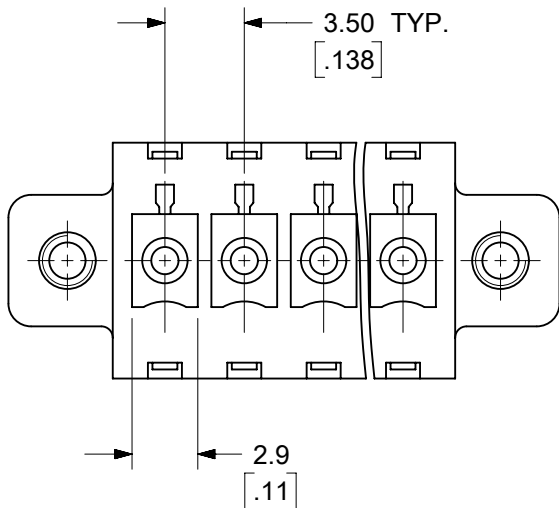




SECTION A-A



4 CIRCUIT SHOWN



SPECIFICATIONS:

1. MATERIAL:

- (1). BODY: NYLON 66 (PA 66)
- (2). SCREW: STEEL
- (3). CAGE (\*): BRASS
- (4). TERMINAL: PHOSPHOR BRONZE
- (5). COVER: NYLON 66 (PA 66)
- (6). SCREW: STEEL

2. PRODUCT SPECIFICATION: PS-39500-001

3. WIRE RANGE: 30 - 16 AWG

4. TORQUE: 2 IN-LBS.

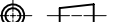
5. WIRE STRIP LENGTH: 6.50/.256

6. NUMBER OF CIRCUIT POSITIONS AVAILABLE = 2 THROUGH 20

7. ASSEMBLY IS RoHS COMPLIANT BY EXEMPTION.

COMPONENTS MARKED WITH AN ASTERISK (\*) ARE RoHS  
COMPLIANT BY EXEMPTION, ALL OTHERS ARE RoHS COMPLIANT.

| TOLERANCES |       |            |       |
|------------|-------|------------|-------|
| MM         | TOL   | INCH       | TOL   |
| 0-6        | ±0.25 | 0-.24      | ±.010 |
| >6-30      | ±0.40 | >.24-1.18  | ±.016 |
| >30-120    | ±0.50 | >1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76      | ±.031 |

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|-------|-----------|---------------------------------------------------------------------------------------|-----------|--------------------------|-----------|-------------------------|--|----------|-----------|------------------------------|--|-----------------|--|-----------------------------|--|--------------|--|---------------------------|--|---|--|
| FUNCTIONAL SYMBOLS                                                                                                                            |  | DIMENSION UNITS                                      |  | SCALE |           | CURRENT REV DESC: MIGRATED TO NX. MODIFIED MOLEX LOGO ORIENTATION                     |           |                          |           | <div>molex</div>        |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | MM/INCH                                              |  | 3:1   |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |       |           | 3.50MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY, MOUNTING ENDS                          |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | MM                                                   |  | INCH  |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 4 PLACES                                             |  | ±     | ---       |                                                                                       |           |                          |           |                         |  | ±        | ---       |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 3 PLACES                                             |  | ±     | ---       |                                                                                       |           |                          |           |                         |  | ±        | SEE CHART |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 2 PLACES                                             |  | ±     | SEE CHART |                                                                                       |           |                          |           |                         |  | ±        | SEE CHART |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  | 1 PLACE                                              |  | ±     | SEE CHART | ±                                                                                     | ---       | PRODUCT CUSTOMER DRAWING |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 0 PLACES                                             |  | ±     | ---       | ±                                                                                     | ---       |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | ANGULAR TOL                                          |  |       |           | ±                                                                                     | ---       |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |       |           | THIRD ANGLE PROJECTION                                                                |           |                          |           |                         |  | DRAWING  |           | SERIES                       |  | MATERIAL NUMBER |  | CUSTOMER                    |  | SHEET NUMBER |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |  |           |                          |           |                         |  | B-SIZE   |           | 39507                        |  | SEE SHEET-2     |  | GENERAL MARKET              |  | 1 OF 2       |  |                           |  |   |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  | 4 PLACES                                             |  |       |           | ±                                                                                     | ---       | ±                        | ---       | EC NO: 769196           |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 3 PLACES                                             |  |       |           | ±                                                                                     | ---       | ±                        | SEE CHART |                         |  |          |           | DRWN: ABENJAMINLW 2023/11/10 |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 2 PLACES                                             |  |       |           | ±                                                                                     | SEE CHART | ±                        | SEE CHART |                         |  |          |           |                              |  |                 |  | CHK'D: DACHAMMER 2023/11/16 |  |              |  |                           |  |   |  |
|                                                                                                                                               |  | 1 PLACE                                              |  |       |           | ±                                                                                     | SEE CHART | ±                        | ---       |                         |  |          |           |                              |  |                 |  |                             |  |              |  | APPR: JFMURPHY 2023/11/17 |  |   |  |
|                                                                                                                                               |  | 0 PLACES                                             |  |       |           | ±                                                                                     | ---       | ±                        | ---       |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
| ANGULAR TOL                                                                                                                                   |  |                                                      |  | ±     | ---       | DRWN: CYORK 2006/03/23                                                                |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           | APPR: RDORSS 2006/03/24 |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           | DOCUMENT NUMBER              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  | SD-39507-001                |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  | DOC TYPE                  |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           | PSD                      |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  | DOC PART |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  | 001             |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  | REVISION     |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  | D |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
|                                                                                                                                               |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |
| </                                                                                                                                            |  |                                                      |  |       |           |                                                                                       |           |                          |           |                         |  |          |           |                              |  |                 |  |                             |  |              |  |                           |  |   |  |



10 9 8 7 6 5 4 3 2 39507

| Circuit size | Material Numbers |           |           |                  |           |           |                  |           |           |                  |           |           | Dimensional Information |      |       |      |       |      |       |      |
|--------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|------|-------|------|-------|------|-------|------|
|              | Black            |           |           |                  |           |           | Green            |           |           |                  |           |           |                         |      |       |      |       |      |       |      |
|              |                  |           |           |                  |           |           |                  |           |           |                  |           |           |                         |      |       |      |       |      |       |      |
|              | 100% Tin         |           |           | 30 u" Gold       |           |           | 100% Tin         |           |           | 30 u" Gold       |           |           |                         |      |       |      |       |      |       |      |
|              | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Dim. A                  |      | Dim B |      | Dim C |      | Dim D |      |
| None         | 10AV             | 11AV      | None      | 10AV             | 11AV      | None      | 10AV             | 11AV      | None      | 10AV             | 11AV      | mm        | inch                    | mm   | inch  | mm   | inch  | mm   | inch  |      |
| 2            | 395073002        | 395073302 | 395073402 | 395073502        | 395073602 | 395073902 | 395078002        | 395078302 | 395078402 | 395078502        | 395078802 | 395078902 | 17.3                    | .68  | 3.5   | .14  | 12.1  | .48  | 8.1   | .32  |
| 3            | 395073003        | 395073303 | 395073403 | 395073503        | 395073603 | 395073903 | 395078003        | 395078303 | 395078403 | 395078503        | 395078803 | 395078903 | 20.0                    | .82  | 7.0   | .28  | 15.6  | .61  | 11.6  | .46  |
| 4            | 395073004        | 395073304 | 395073404 | 395073504        | 395073604 | 395073904 | 395078004        | 395078304 | 395078404 | 395078504        | 395078804 | 395078904 | 24.3                    | .96  | 10.5  | .41  | 19.1  | .75  | 15.1  | .59  |
| 5            | 395073005        | 395073305 | 395073405 | 395073505        | 395073605 | 395073905 | 395078005        | 395078305 | 395078405 | 395078505        | 395078805 | 395078905 | 27.8                    | 1.09 | 14.0  | .55  | 22.6  | .89  | 18.6  | .73  |
| 6            | 395073006        | 395073306 | 395073406 | 395073506        | 395073606 | 395073906 | 395078006        | 395078306 | 395078406 | 395078506        | 395078806 | 395078906 | 31.3                    | 1.23 | 17.5  | .69  | 26.1  | 1.03 | 22.1  | .87  |
| 7            | 395073007        | 395073307 | 395073407 | 395073507        | 395073607 | 395073907 | 395078007        | 395078307 | 395078407 | 395078507        | 395078807 | 395078907 | 34.8                    | 1.37 | 21.0  | .83  | 29.6  | 1.17 | 25.6  | 1.01 |
| 8            | 395073008        | 395073308 | 395073408 | 395073508        | 395073608 | 395073908 | 395078008        | 395078308 | 395078408 | 395078508        | 395078808 | 395078908 | 38.3                    | 1.51 | 24.5  | .97  | 33.1  | 1.30 | 29.1  | 1.15 |
| 9            | 395073009        | 395073309 | 395073409 | 395073509        | 395073609 | 395073909 | 395078009        | 395078309 | 395078409 | 395078509        | 395078809 | 395078909 | 41.8                    | 1.65 | 28.0  | 1.10 | 36.6  | 1.44 | 32.6  | 1.28 |
| 10           | 395073010        | 395073310 | 395073410 | 395073510        | 395073610 | 395073910 | 395078010        | 395078310 | 395078410 | 395078510        | 395078810 | 395078910 | 45.3                    | 1.78 | 31.5  | 1.24 | 40.1  | 1.58 | 36.1  | 1.42 |
| 11           | 395073011        | 395073311 | 395073411 | 395073511        | 395073611 | 395073911 | 395078011        | 395078311 | 395078411 | 395078511        | 395078811 | 395078911 | 48.8                    | 1.92 | 35.0  | 1.38 | 43.6  | 1.72 | 39.6  | 1.56 |
| 12           | 395073012        | 395073312 | 395073412 | 395073512        | 395073612 | 395073912 | 395078012        | 395078312 | 395078412 | 395078512        | 395078812 | 395078912 | 52.3                    | 2.06 | 38.5  | 1.52 | 47.1  | 1.85 | 43.1  | 1.70 |
| 13           | 395073013        | 395073313 | 395073413 | 395073513        | 395073613 | 395073913 | 395078013        | 395078313 | 395078413 | 395078513        | 395078813 | 395078913 | 55.8                    | 2.20 | 42.0  | 1.65 | 50.6  | 1.99 | 46.6  | 1.83 |
| 14           | 395073014        | 395073314 | 395073414 | 395073514        | 395073614 | 395073914 | 395078014        | 395078314 | 395078414 | 395078514        | 395078814 | 395078914 | 59.3                    | 2.34 | 45.5  | 1.79 | 54.1  | 2.13 | 50.1  | 1.97 |
| 15           | 395073015        | 395073315 | 395073415 | 395073515        | 395073615 | 395073915 | 395078015        | 395078315 | 395078415 | 395078515        | 395078815 | 395078915 | 62.8                    | 2.47 | 49.0  | 1.93 | 57.6  | 2.27 | 53.6  | 2.11 |
| 16           | 395073016        | 395073316 | 395073416 | 395073516        | 395073616 | 395073916 | 395078016        | 395078316 | 395078416 | 395078516        | 395078816 | 395078916 | 66.3                    | 2.61 | 52.5  | 2.07 | 61.1  | 2.41 | 57.1  | 2.25 |
| 17           | 395073017        | 395073317 | 395073417 | 395073517        | 395073617 | 395073917 | 395078017        | 395078317 | 395078417 | 395078517        | 395078817 | 395078917 | 69.8                    | 2.75 | 56.0  | 2.21 | 64.6  | 2.54 | 60.6  | 2.39 |
| 18           | 395073018        | 395073318 | 395073418 | 395073518        | 395073618 | 395073918 | 395078018        | 395078318 | 395078418 | 395078518        | 395078818 | 395078918 | 73.3                    | 2.89 | 59.5  | 2.34 | 68.1  | 2.68 | 64.1  | 2.52 |
| 19           | 395073019        | 395073319 | 395073419 | 395073519        | 395073619 | 395073919 | 395078019        | 395078319 | 395078419 | 395078519        | 395078819 | 395078919 | 76.8                    | 3.02 | 63.0  | 2.48 | 71.6  | 2.82 | 67.6  | 2.66 |
| 20           | 395073020        | 395073320 | 395073420 | 395073520        | 395073620 | 395073920 | 395078020        | 395078320 | 395078420 | 395078520        | 395078820 | 395078920 | 80.3                    | 3.16 | 66.5  | 2.62 | 75.1  | 2.96 | 71.1  | 2.80 |

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|                                                                                                                |                                   |                                                                                                                               |                                                            |             |              |                          |                                                                                 |  |           |  |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------|--------------|--------------------------|---------------------------------------------------------------------------------|--|-----------|--|
| REVISED DOC TOL<br>EC NO: IPG2017-0861<br>DRAWN: ANAGATH<br>CHKD:<br>APPR: BRUPERT<br>2017/03/23<br>2017/04/18 | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         | DIMENSION STYLE                                            |             | SCALE        | DESIGN UNITS             | THIRD ANGLE PROJECTION                                                          |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | MM/IN                                                      |             |              | INCH                     |                                                                                 |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | mm                                                         | INCH        | DRAWN BY     | DATE                     | TITLE<br><br>3.50MM, EURO PLUG,<br>VERTICAL, FRONT WIRE<br>ENTRY, MOUNTING ENDS |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | 4 PLACES ± --- ± ---                                       | EHILE       | 2006/03/17   |                          |                                                                                 |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | 3 PLACES ± --- ± ---                                       | CHECKED BY  | DATE         |                          |                                                                                 |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | 2 PLACES ± --- ± ---                                       | EHILE       | 2006/03/17   | MOLEX MOLEX INCORPORATED |                                                                                 |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | 1 PLACE ± --- ± ---                                        | APPROVED BY | DATE         |                          |                                                                                 |  |           |  |
|                                                                                                                |                                   |                                                                                                                               | ANGULAR ± ---°                                             |             | RDEROSS      | 2006/03/17               | DOCUMENT NO.                                                                    |  | SHEET NO. |  |
|                                                                                                                |                                   |                                                                                                                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |             | MATERIAL NO. |                          | SEE CHART                                                                       |  |           |  |
|                                                                                                                |                                   |                                                                                                                               |                                                            |             | SIZE         |                          | SD-39507-001                                                                    |  |           |  |
| B                                                                                                              |                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                            |             |              |                          |                                                                                 |  |           |  |

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