

| REVISIONS | | | |
|-----------|---------------------------|----------|-------|
| REV | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
| A | INITIAL RELEASE | OCT29/20 | K.T |

NOTES:

ELECTRICAL:

- VOLTAGE RATING: 125 VAC.
- CURRENT RATING: 1.25 AMPS PER CONTACT.
- INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.
- DIELECTRIC STRENGTH: CONTACT TO CONTACT, 1000VAC, 60Hz, 1 MIN.
CONTACT TO SHIELD, 1500VAC, 60Hz, 1 MIN.
- CATEGORY 5E CHARACTERISTIC:

| MHz | dB, MIN. | dB, MIN. | dB, MAX. |
|-------|----------|----------|----------|
| 1.0 | 65 | 30 | 0.1 |
| 4.0 | 65 | 30 | 0.1 |
| 8.0 | 64.9 | 30 | 0.1 |
| 10.0 | 63 | 30 | 0.1 |
| 16.0 | 58.9 | 30 | 0.2 |
| 20.0 | 57 | 30 | 0.2 |
| 25.0 | 55 | 30 | 0.2 |
| 31.25 | 53.1 | 30 | 0.2 |
| 62.5 | 47.1 | 24.1 | 0.3 |
| 100.0 | 43 | 20 | 0.4 |

MECHANICAL:

- SHIELD: STAINLESS STEEL, WITH TIN-DIP ON SOLDER TABS.
- HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0, BLACK
- INSERT: HIGH TEMP THERMOPLASTIC UL 94V-0.
- PCB: FR-4.
- CONTACT: PHOSPHOR BRONZE.
SELECTIVE GOLD PLATING FOR MATING SURFACE,
SEE AMPHENOL PART NUMBER FOR DETAIL.
50u" NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

ENVIRONMENTAL:

- STORAGE: -40° TO +85°.
 - OPERATION: -55° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE
260° FOR 5 SECOND MAXIMUM.
REFLOW SOLDER, PEAK TEMPERATURE
260° FOR 5~8 SECONDS

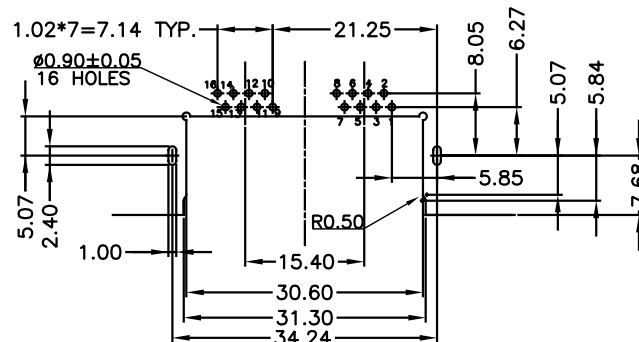
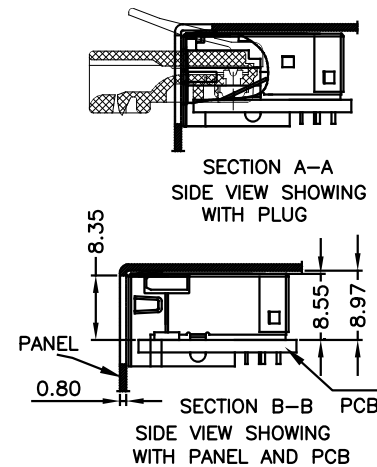
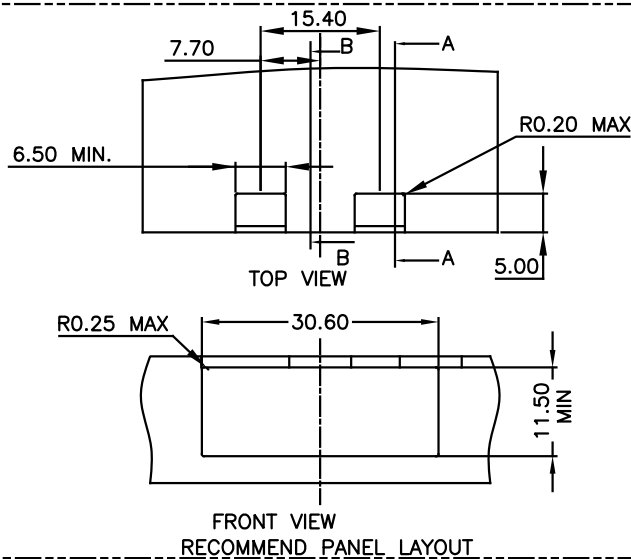
AMPHENOL PART NUMBER: RJE72-288-1X0X

GOLD PLATING OPTION _____ OPTIONS (SEE BELOW TABLE 1)

- 1=6u" GOLD PLATING
- 2=15u" GOLD PLATING
- 3=30u" GOLD PLATING
- 4=50u" GOLD PLATING

TABLE 1:

| | | |
|---------------|-------|-------------------------|
| RJE722881X01 | 3.18 | 2.36 |
| RJE722881X02 | 2.27 | 1.57 |
| AMPHENOL P/N: | DIM A | RECOMMEND PCB THICKNESS |



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm.

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| UNLESS SPECIFIED OTHERWISE | DRAWN | JAMISON C | OCT29/20 |
|----------------------------|------------------------|-----------|----------|
| PRIMARY UNITS MILLIMETERS | CHECKED | L.CHAN | OCT29/20 |
| SECONDARY | M.E. APP'D | | |
| REFERENCE IN PARENTHESES | Q.A. APP'D | | |
| GENERAL TOLERANCES FOR MM | DWG APP'D | | |
| 1 DECIMAL PLACE ±0.5 | ENG. REL. NO. | | |
| 2 DECIMAL PLACES ±0.30 | REF. | | |
| 3 DECIMAL PLACES ±0.10 | THIRD ANGLE PROJECTION | | |
| ANGULAR DEGREE ±3° | DO NOT SCALE DRAWING | | |

| Amphenol Canada Corp. Commercial Products | |
|--|------------------------------------|
| MODULAR JACK, 1X2 PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP&SIDE TABS, WITHOUT LED, SINK PCB TYPE, TAB UP, CAT5E | |
| DWG NO. | REV A |
| P-RJE72-288-1X0X | |
| CODE ID NO. 03554 | DWG SIZEN/A SCALE FIT SHEET 1 OF 1 |