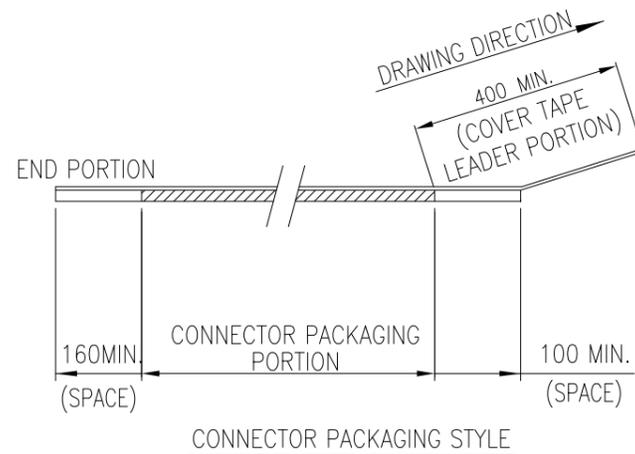
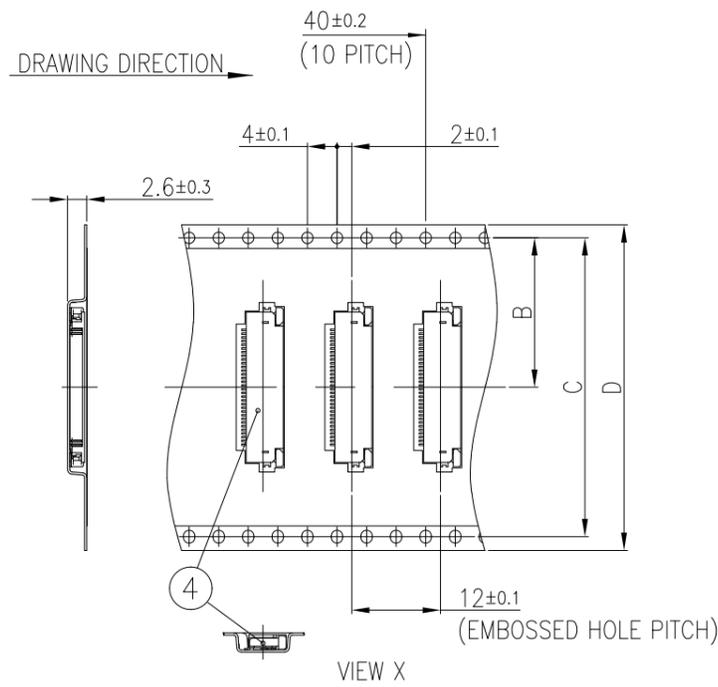
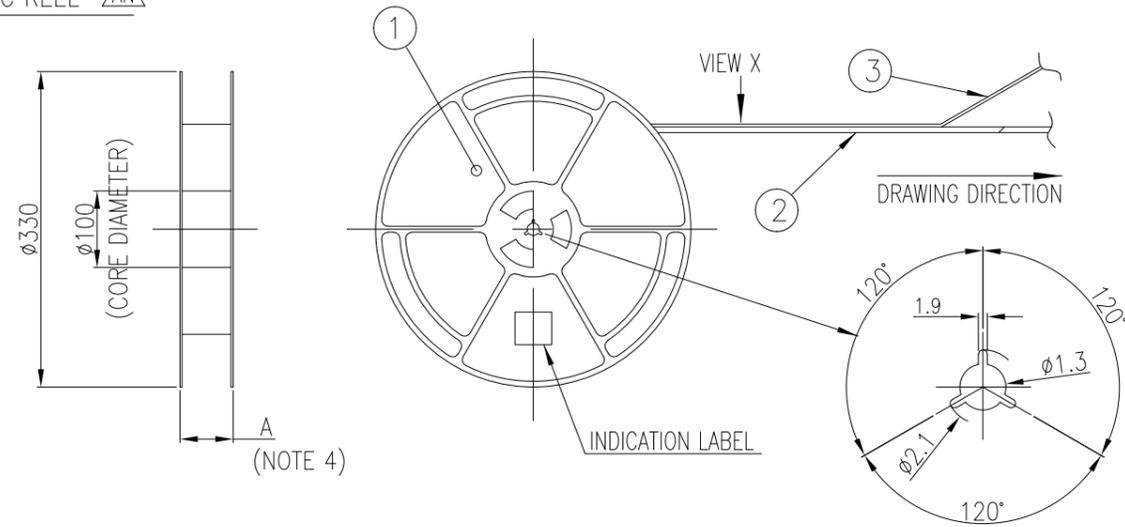


PRODUCT NO.

62684-__21_0A_LF

PLASTIC REEL



CAT. NO. & DIMENSIONS

| | NO. OF CONTACTS (n) | CAT. NO. | DIMENSIONS | | | |
|---|---------------------|------------------|------------|---------|---------|---------|
| | | | A ± 5 | B ± 0.1 | C ± 0.1 | D ± 0.3 |
| ● | 32 | 62684-322100ALF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 34 | 62684-342100ALF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 36 | 62684-362100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 40 | 62684-402100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 43 | 62684-432100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 45 | 62684-452100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 50 | 62684-502100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 55 | 62684-5521NOALF | 60.4 | 26.2 | 52.4 | 56 |
| ● | 40 | 62684-402100AHLF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 45 | 62684-452100AHLF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 50 | 62684-502100AHLF | 48.4 | 20.2 | 40.4 | 44 |

| CAT. NO. | SURFACE TREATMENT | OTHER | REEL |
|------------------|-------------------|--------------|--------------|
| 62684-__21_0ALF | GOLD PLATING | _____ | PLASTIC REEL |
| 62684-__21_0AHLF | | HALOGEN FREE | |

PARTS LIST

| PT NO | PARTS NAME | CAT. NO. | MATERIAL | Q'TY | NOTE |
|-------|-----------------------|-----------------|------------------------|------|------------------------|
| 1 | REEL | | POLYSTYRENE | 1 | COLOR : WHITE or BLACK |
| 2 | PLASTIC (EMBOSS) TAPE | _____ | PS | — | COLOR : TRANSPARENCY |
| 3 | COVER | _____ | POLYESTER/POLYETHYLENE | — | COLOR : TRANSPARENCY |
| 4 | CONNECTOR | 62684-__21_A_LF | SEE SHEET 2 | 2000 | |

NOTE

- THIS PRODUCT IS TOP CONTACT TYPE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- A DIMENSION IS PORTION OF THE CORE.
- PRODUCT SPEC : 110-450H. APPLICATION SPEC : GS-20-097.

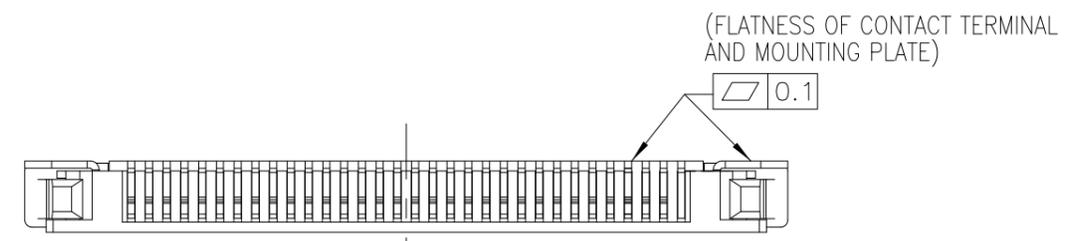
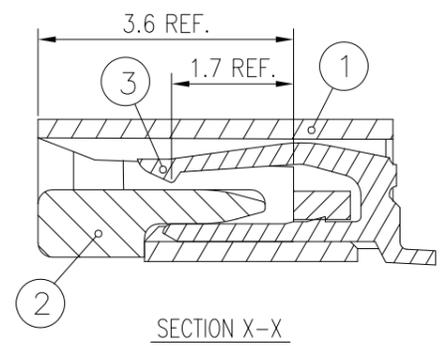
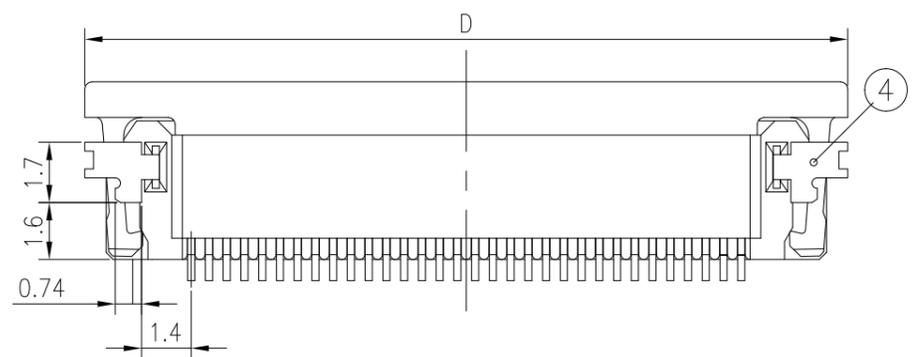
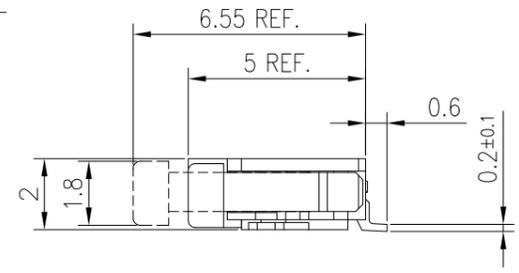
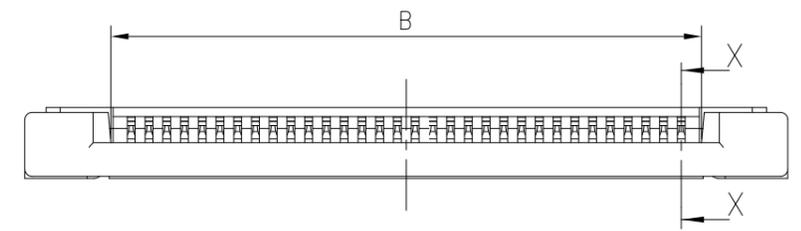
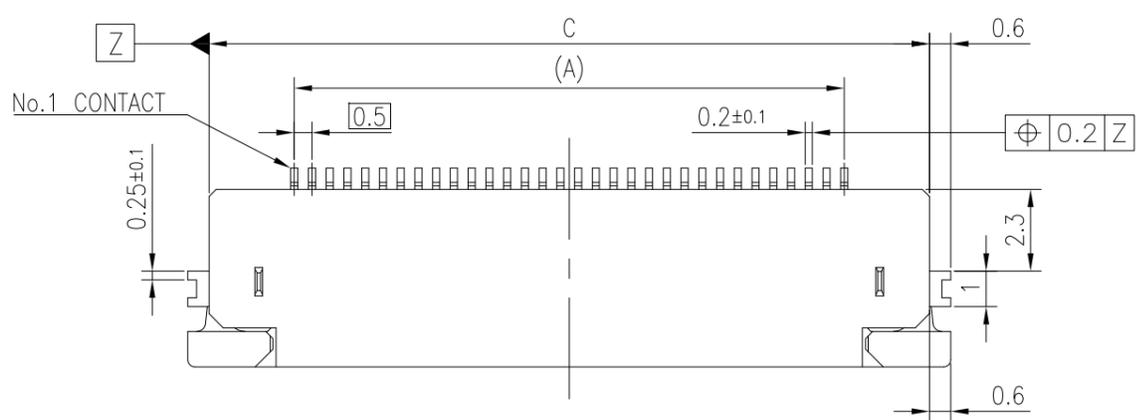
| mat'l. code | | surface | | tolerance | | projection | | product family | |
|-------------|----------------|--|------------|---------------------------------------|--------------------|------------|--|---------------------------------|--|
| SEE_TABLE | | ISO 1302 <input checked="" type="checkbox"/> | | ISO 406 ISO 1101 | | | | 58DF | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | MM | | title | |
| A | J00527 | T.H | 2000-7-31 | angles | linear | 0.X/±5 | | PLASTIC TAPE PACKGED | |
| | | | | | | 0.XX/±5 | | 0.5mm CONTACT SPACING CONNECTOR | |
| AJ | ELX-J-21605 | S.W | 2015-8-6 | 0°±5' | | scale N/A | | dwg no | |
| AK | ELX-J-33053 | S.W | 2019-3-28 | dr | S.WATANABE | 2023-08-31 | | sheet 1 of 5 | |
| AL | ELX-J-36059 | S.W | 2020-2-17 | engr | S.WATANABE | 2023-08-31 | | 62684 | |
| AM | ELX-J-43057 | S.W | 2021-11-25 | chr | AN.MOHAMMAD-NABEEL | 2023-08-31 | | A3 | |
| AN | ELX-J-49146 | S.W | 2023-08-31 | appc | Y.KAMEDA | 2023-08-31 | | type | |
| | | | | | | | | Product Customer Drawing | |
| sheet index | revision sheet | AN | AN | AN | AN | AN | | | |
| | | 1 | 2 | 3 | 4 | 5 | | | |

PRODUCT NO.
62684-__21_A_LF

PARTS LIST

| PT NO. | PARTS NAME | MATERIAL | | Q'TY | NOTE |
|--------|----------------|--|---|------|---------------|
| | | 62684-__21_ALF | 62684-__21_AHLF | | |
| 1 | HOUSING | GLASS FILLED THERMOPLASTIC (UL94V-0) | GLASS FILLED THERMOPLASTIC (UL94V-0) (HALOGEN FREE) | 1 | COLOR : BEIGE |
| 2 | SLIDER | GLASS FILLED THERMOPLASTIC (UL94V-0) | GLASS FILLED THERMOPLASTIC (UL94V-0) (HALOGEN FREE) | 1 | COLOR : BLACK |
| 3 | CONTACT | PHOSPHOR BRONZE : Ni UNDERPLATED 1.27μmMIN. Au PLATED 0.05μmMIN. | | n | |
| 4 | MOUNTING PLATE | BRASS : Ni UNDERPLATED 1.27μmMIN. Sn PLATED 1μmMIN. | | 2 | |

n : NO. OF CONTACTS



CAT. NO. & DIMENSIONS Δ_{AN}

| NO. OF CONTACTS (n) | CAT. NO. | DIMENSIONS | | | | HOUSING MATERIAL |
|---------------------|-----------------|------------|-------|------|------|------------------|
| | | A | B | C | D | |
| 32 | 62684-32210ALF | 15.5 | 16.65 | 20.3 | 21.5 | PA9T |
| 34 | 62684-34210ALF | 16.5 | 17.65 | 21.3 | 22.5 | |
| 36 | 62684-36210ALF | 17.5 | 18.65 | 22.3 | 23.5 | |
| 40 | 62684-40210ALF | 19.5 | 20.65 | 24.3 | 25.5 | |
| 43 | 62684-43210ALF | 21.0 | 22.15 | 25.8 | 27.0 | |
| 45 | 62684-45210ALF | 22.0 | 23.15 | 26.8 | 28.0 | LCP |
| 50 | 62684-50210ALF | 24.5 | 25.65 | 29.3 | 30.5 | |
| 55 | 62684-5521NALF | 27.0 | 28.15 | 31.8 | 33.0 | |
| 40 | 62684-40210AHLF | 19.5 | 20.65 | 24.3 | 25.5 | |
| 45 | 62684-45210AHLF | 22.0 | 23.15 | 26.8 | 28.0 | |
| 50 | 62684-50210AHLF | 24.5 | 25.65 | 29.3 | 30.5 | |

NOTE Δ_{AN}

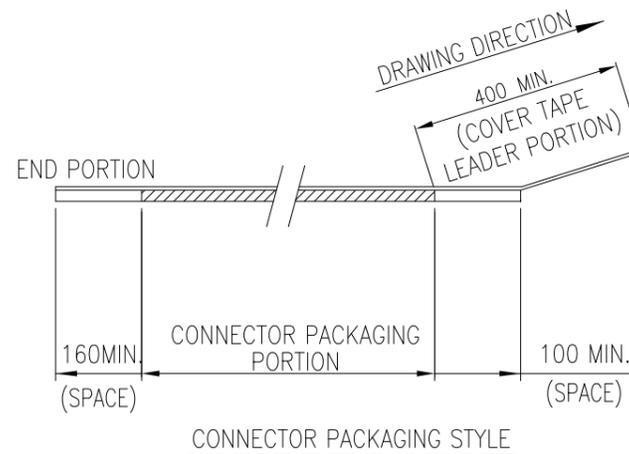
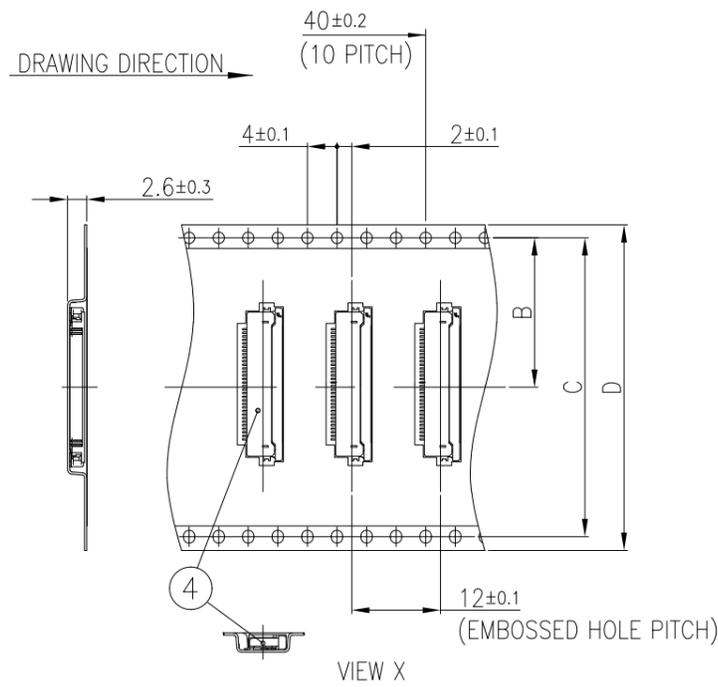
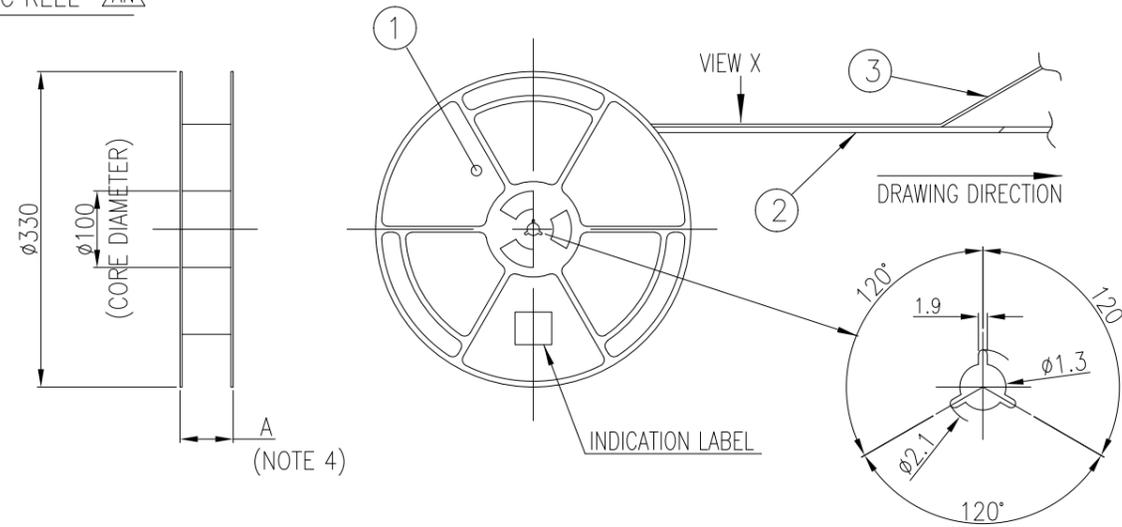
- THIS PRODUCT IS TOP CONTACT TYPE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE SHEET No.1 REGARDING PLASTIC TAPE PACKAGED PRODUCT.
- SEE SHEET No.5 REGARDING RECOMMENDED PC BOARD LAYOUT AND CABLE.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10SECONDS IN A REFLOW SOLDERING OVEN.
- THE PRODUCT THAT THE END HAS "LF" MEETS EUROPEAN DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS47-0004.

| | | | | | | | | | | |
|-------------|----------------|-----------------------|--------------------|---------------------------------------|--------------|-------------------------|--------------------------|---------------------------------|--------------|------|
| mat'l. code | | surface | | tolerance | | projection | | product family | | |
| SEE_TABLE | | ISO 1302 \checkmark | | ISO 406 ISO 1101 | | \odot \triangleleft | | 58DF | | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | MM | | title | | |
| AN | | | | angles linear | | | | | | |
| | | | | 0.X/±0.3 | | scale 5:1 | | 0.5mm CONTACT SPACING CONNECTOR | | |
| | | | | 0.XX/±0.3 | | | | | | |
| | | dr | S.WATANABE | 2023-08-31 | Amphenol FCI | | dwg no | | sheet 2 of 5 | size |
| | | enrg | S.WATANABE | 2023-08-31 | | | 62684 | | A3 | |
| | | chr | AN.MOHAMMAD-NABEEL | 2023-08-31 | | | Product Customer Drawing | | | |
| | | appd | Y.KAMEDA | 2023-08-31 | | | | | | |
| sheet index | revision sheet | | | | | | | | | |

PRODUCT NO.

62684-__11_0A_LF

PLASTIC REEL



CAT. NO. & DIMENSIONS

| | NO. OF CONTACTS (n) | CAT. NO. | DIMENSIONS | | | |
|---|---------------------|------------------|------------|---------|---------|---------|
| | | | A ± 5 | B ± 0.1 | C ± 0.1 | D ± 0.3 |
| ● | 32 | 62684-321100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 38 | 62684-381100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 40 | 62684-401100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 45 | 62684-451100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 50 | 62684-501100ALF | 48.4 | 20.2 | 40.4 | 44 |
| | 60 | 62684-6011NOALF | 60.4 | 26.2 | 52.4 | 56 |
| ● | 40 | 62684-401100AHLF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 45 | 62684-451100AHLF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 50 | 62684-501100AHLF | 48.4 | 20.2 | 40.4 | 44 |
| ● | 55 | 62684-5511NOAHLF | 60.4 | 26.2 | 52.4 | 56 |
| | 57 | 62684-5711NOAHLF | 60.4 | 26.2 | 52.4 | 56 |
| ● | 60 | 62684-6011NOAHLF | 60.4 | 26.2 | 52.4 | 56 |

| CAT. NO. | SURFACE TREATMENT | OTHER | REEL |
|------------------|-------------------|--------------|--------------|
| 62684-__11_0ALF | GOLD PLATING | | PLASTIC REEL |
| 62684-__11_0AHLF | | HALOGEN FREE | |

PARTS LIST

| PT NO | PARTS NAME | CAT. NO. | MATERIAL | Q'TY | NOTE |
|-------|-----------------------|-----------------|------------------------|------|------------------------|
| 1 | REEL | | POLYSTYRENE | 1 | COLOR : WHITE or BLACK |
| 2 | PLASTIC (EMBOSS) TAPE | | PS | — | COLOR : TRANSPARENCY |
| 3 | COVER | | POLYESTER/POLYETHYLENE | — | COLOR : TRANSPARENCY |
| 4 | CONNECTOR | 62684-__11_A_LF | SEE SHEET 4 | 2000 | |

- NOTE
- THIS PRODUCT IS BOTTOM CONTACT TYPE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
 - THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
 - SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
 - A DIMENSION IS PORTION OF THE CORE.
 - PRODUCT SPEC : 110-450H. APPLICATION SPEC : GS-20-097.

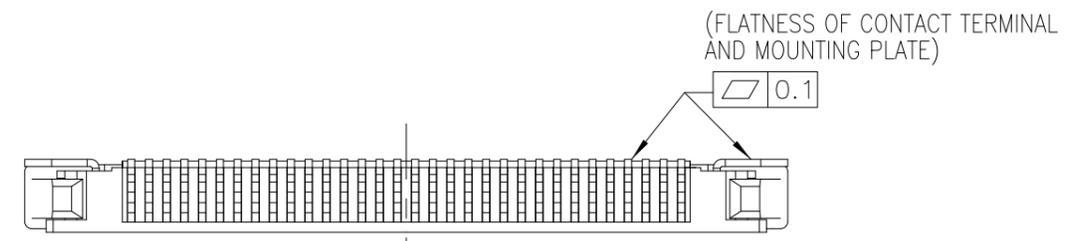
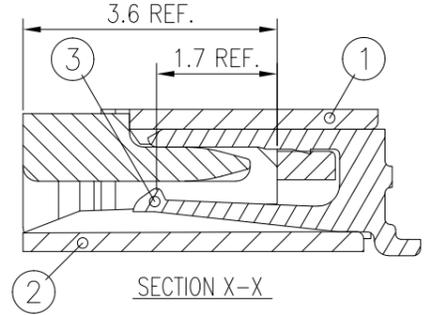
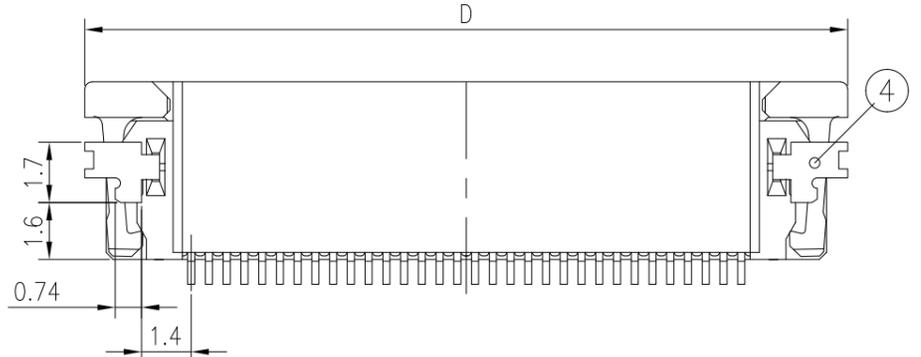
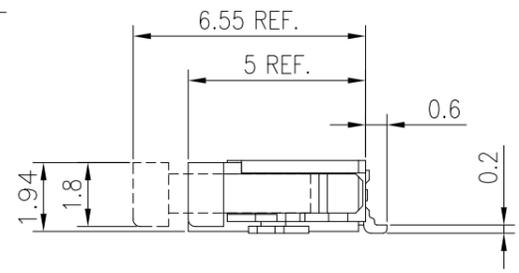
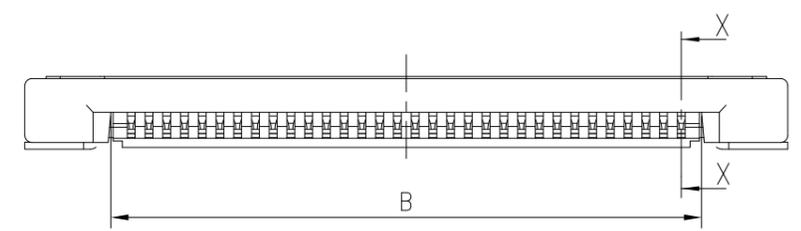
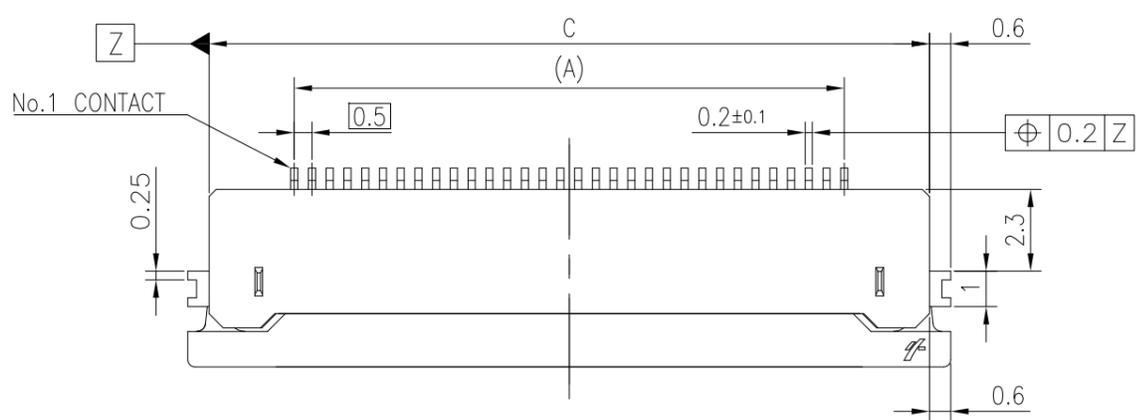
| | | | | | |
|--------------------------|----------------|--|---|---------------------------------------|---|
| mat'l. code SEE_TABLE | | surface <input checked="" type="checkbox"/> ISO 1302 | tolerance <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 | projection | product family 58CF |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | title |
| AN | | | | angles linear | PLASTIC TAPE PACKGED 0.5mm CONTACT SPACING CONNECTOR |
| | | | | 0°±5' | |
| | | | | dr S.WATANABE 2023-08-31 | dwg no sheet 3 of 5 size |
| | | | | enr S.WATANABE 2023-08-31 | 62684 A3 |
| | | | | chr AN.MOHAMMAD-NABEEL 2023-08-31 | type Product Customer Drawing |
| | | | | app Y.KAMEDA 2023-08-31 | |
| sheet index | revision sheet | | | | |

PRODUCT NO.
62684-__11_A_LF

PARTS LIST

| PT NO. | PARTS NAME | MATERIAL | | Q'TY | NOTE |
|--------|----------------|---|---|------|---------------|
| | | 62684-__11_ALF | 62684-__11_AHLF | | |
| 1 | HOUSING | GLASS FILLED THERMOPLASTIC (UL94V-0) | GLASS FILLED THERMOPLASTIC (UL94V-0) (HALOGEN FREE) | 1 | COLOR : BEIGE |
| 2 | SLIDER | GLASS FILLED THERMOPLASTIC (UL94V-0) | GLASS FILLED THERMOPLASTIC (UL94V-0) (HALOGEN FREE) | 1 | COLOR : BLACK |
| 3 | CONTACT | PHOSPHOR BRONZE : Ni UNDERPLATED 1.27μmMIN. Au PLATED 0.05μmMIN. | | n | |
| 4 | MOUNTING PLATE | BRASS : Ni UNDERPLATED 1.27μmMIN. Sn PLATED 1μmMIN. | | 2 | |

n : NO. OF CONTACTS



CAT. NO. & DIMENSIONS Δ_{AN}

| NO. OF CONTACTS (n) | CAT. NO. | DIMENSIONS | | | | HOUSING MATERIAL |
|---------------------|-----------------|------------|-------|------|------|------------------|
| | | A | B | C | D | |
| 32 | 62684-32110ALF | 15.5 | 16.65 | 20.3 | 21.5 | PA9T |
| 38 | 62684-38110ALF | 18.5 | 19.65 | 23.3 | 24.5 | |
| 40 | 62684-40110ALF | 19.5 | 20.65 | 24.3 | 25.5 | |
| 45 | 62684-45110ALF | 22.0 | 23.15 | 26.8 | 28.0 | |
| 50 | 62684-50110ALF | 24.5 | 25.65 | 29.3 | 30.5 | |
| 60 | 62684-6011NALF | 29.5 | 30.65 | 34.3 | 35.5 | LCP |
| 40 | 62684-40110AHLF | 19.5 | 20.65 | 24.3 | 25.5 | |
| 45 | 62684-45110AHLF | 22.0 | 23.15 | 26.8 | 28.0 | |
| 50 | 62684-50110AHLF | 24.5 | 25.65 | 29.3 | 30.5 | |
| 55 | 62684-5511NAHLF | 27.0 | 28.15 | 31.8 | 33.0 | |
| 57 | 62684-5711NAHLF | 28.0 | 29.15 | 32.8 | 34.0 | |
| 60 | 62684-6011NAHLF | 29.5 | 30.65 | 34.3 | 35.5 | |

NOTE Δ_{AN}

- THIS PRODUCT IS BOTTOM CONTACT TYPE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE SHEET No.3 REGARDING PLASTIC TAPE PACKAGED PRODUCT.
- SEE SHEET No.5 REGARDING RECOMMENDED PC BOARD LAYOUT AND CABLE.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10SECONDS IN A REFLOW SOLDERING OVEN.
- THE PRODUCT THAT THE END HAS "LF" MEETS EUROPEAN DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS47-0004.

| | | | | | |
|--------------------------|----------------|----------------------------------|-------------------------------|--|--|
| mat'l. code SEE_TABLE | | surface ISO 1302 \checkmark | tolerance ISO 406 ISO 1101 | projection $\oplus \triangleleft$ | product family 58CF |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | title 0.5mm CONTACT SPACING CONNECTOR |
| AN | | | | angles linear 0.X/±0.3 0.XX/±0.3 | |
| | | | | scale 5:1 | dwg no 62684 |
| | | | | Amphenol FCI | |
| | | | | dr S.WATANABE 2023-08-31 | type Product Customer Drawing |
| | | | | enrg S.WATANABE 2023-08-31 | |
| | | | | chr AN.MOHAMMAD-NABEEL 2023-08-31 | |
| | | | | appd Y.KAMEDA 2023-08-31 | |
| sheet index | revision sheet | | | | |

()

()

Amphenol FCI

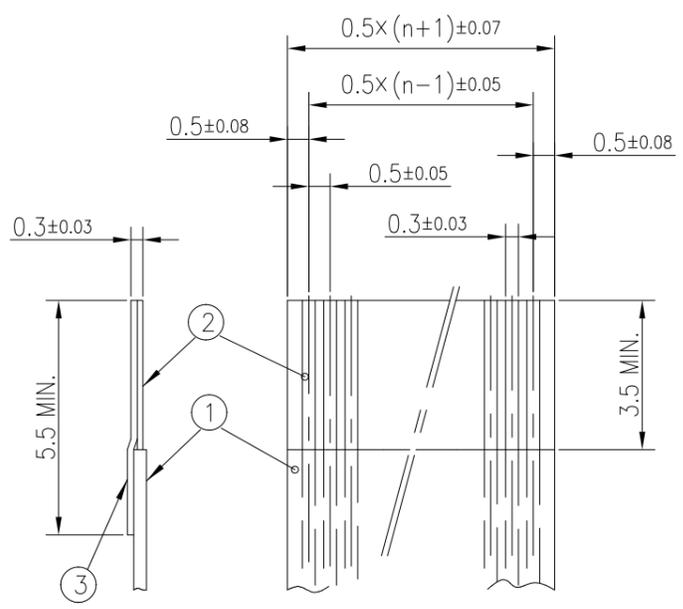
© 2016 AFCI

()

D

RECOMMENDED CABLE (FFC) ^{AN}
(NOTE1, NOTE2)

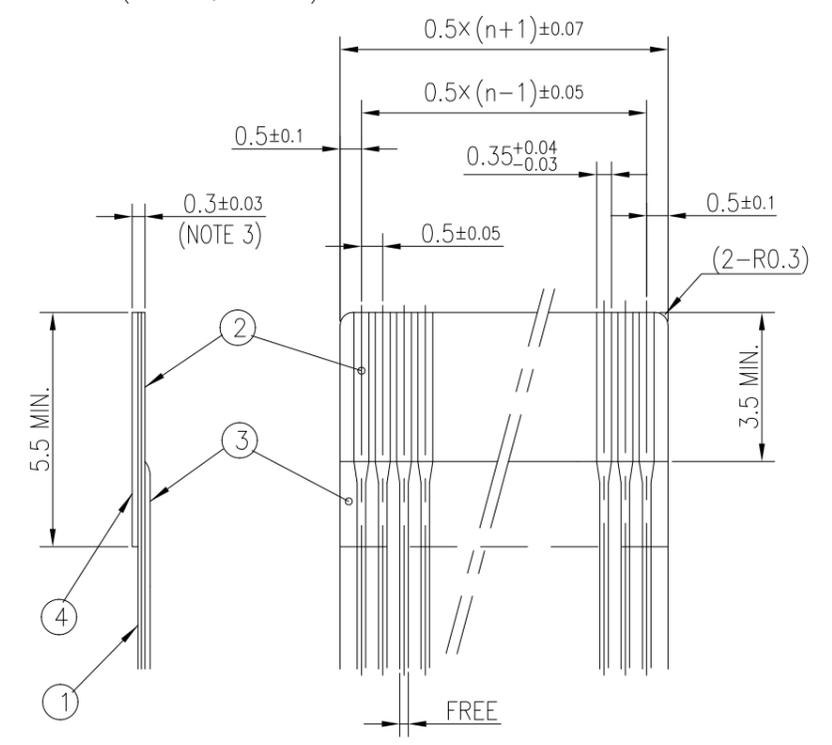
n : NO. OF CONTACTS



| PT. NO. | DESCRIPTION | MATERIAL | THICKNESS (um) |
|---------|-----------------|---|----------------|
| 1 | INSULATOR | FLAME RESISTING POLYESTER OR EQUIVALENT | 25 |
| 2 | CONDUCTOR | COPPER FOIL (PLATING : GOLD) | 35 OR 50 |
| 3 | SUPPORTING TAPE | FLAME RESISTING POLYESTER OR EQUIVALENT | |

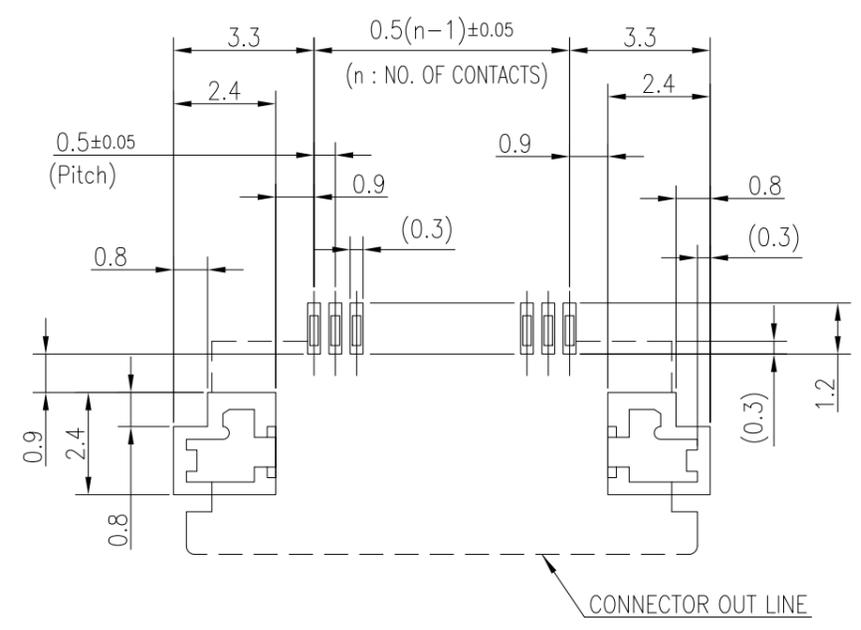
RECOMMENDED CABLE (FPC)
(NOTE1, NOTE2)

n : NO. OF CONTACTS



| PT.NO. | DESCRIPTION | MATERIAL | THICKNESS (um) |
|--------|-----------------|--------------------------------------|----------------|
| 1 | BASE FILM | POLYIMIDE OR POLYESTER OR EQUIVALENT | 25 |
| 2 | CONDUCTOR | COPPER FOIL (PLATING : GOLD) (NOTE5) | 35 OR 50 |
| 3 | OVERLAY | POLYIMIDE OR POLYESTER OR EQUIVALENT | |
| 4 | SUPPORTING TAPE | POLYESTER OR POLYIMIDE OR EQUIVALENT | |

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE) (NOTE4, NOTE5)



NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
- ^{AN} 4. RECOMMENDED STENCIL THICKNESS IS 120~150um.
- ^{AN} 5. RECOMMENDED STENCIL OPENING RATIO IS 100%.

| | | | | | |
|--------------------------|----------------|-----------------------|-------------------------------|---|--|
| mat'l. code SEE_TABLE | | surface ISO 1302 ✓ | tolerance ISO 406 ISO 1101 | projection | product family 58CF/DF |
| ltr AN | ecn no | dr | date | tolerances unless otherwise specified angles linear 0.X/±0.05 0.XX/±0.05 | title RECOMMENDED PC BOARD LAYOUT AND CABLE |
| | | | | scale 6:1 | dwg no 62684 |
| | | | | Amphenol FCI | sheet 5 of 5 A3 |
| | | | | type Product Customer Drawing | size |
| sheet index | revision sheet | | | | |