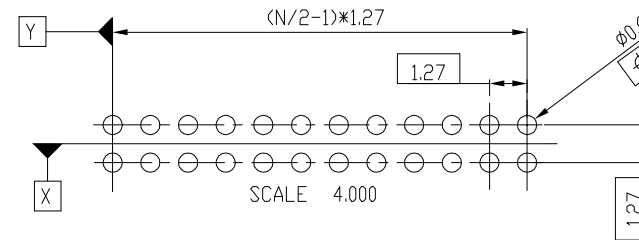
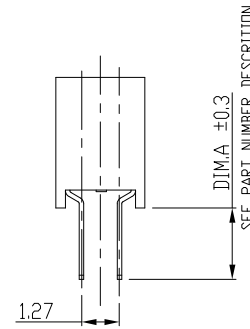
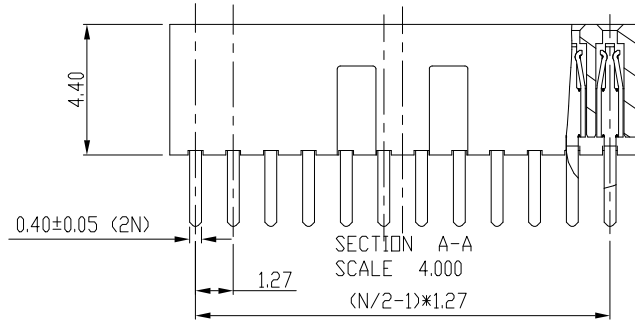
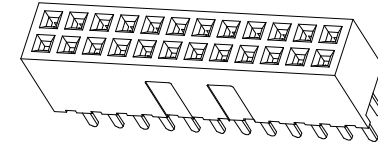
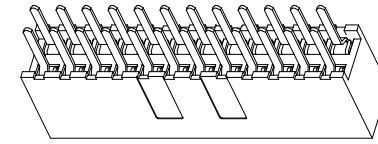
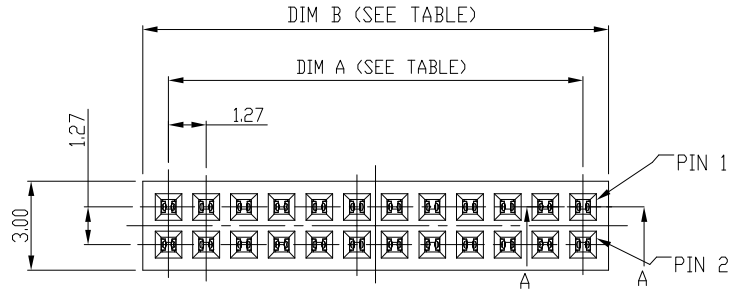


PART NO.
20021311



RECOMMENDED PCB LAYOUT
LAYOUT TOLERANCE= 0.05mm

| | | | | | | | | | | |
|-------------|----------------|--------------------|----------|----------------------------|---------------|---------------------------------------|--------------|------------------|-------------------------------|--|
| mat'l. code | | surface ISO 1302 ✓ | | tolerance ISO 406 ISO 1101 | | projection | | product family | | |
| ltr | | ecn no dr | | date | | tolerances unless otherwise specified | | MINITEK127® | | |
| E | ELX-N-23548 | TIM | 03/21/16 | | | mm | | title | | |
| F | ELX-N-43177-1 | YY | 12/07/21 | angles | .0±.30 | scale 1:1 | | RECEPTACLE VT TH | | |
| | | | | linear | .00±.20 | | | dwg no | | |
| | | | | 0°±2° | .000±.10 | | | sheet 1 of 3 | | |
| | | | | dr | Yuan-Yuan Bao | 12/07/21 | Amphenol FCI | | size | |
| | | | | eng | Yuan-Yuan Bao | 12/07/21 | | | 20021311 | |
| | | | | chr | Li-Qing Lei | 12/07/21 | | | A3 | |
| | | | | appd | Tim Yao | 12/07/21 | | | type Product Customer Drawing | |
| sheet index | revision sheet | F | F | F | | | | | | |
| | | 1 | 2 | 3 | | | | | | |

TABLE 1

| PRODUCT NO. | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021311-XXX06XXLF | 2 X 3 | 2.54 | 4.27 |
| 20021311-XXX08XXLF | 2 X 4 | 3.81 | 5.54 |
| 20021311-XXX10XXLF | 2 X 5 | 5.08 | 6.81 |
| 20021311-XXX12XXLF | 2 X 6 | 6.35 | 8.08 |
| 20021311-XXX14XXLF | 2 X 7 | 7.62 | 9.35 |
| 20021311-XXX16XXLF | 2 X 8 | 8.89 | 10.62 |
| 20021311-XXX18XXLF | 2 X 9 | 10.16 | 11.89 |
| 20021311-XXX20XXLF | 2 X 10 | 11.43 | 13.16 |
| 20021311-XXX22XXLF | 2 X 11 | 12.7 | 14.43 |
| 20021311-XXX24XXLF | 2 X 12 | 13.97 | 15.7 |
| 20021311-XXX26XXLF | 2 X 13 | 15.24 | 16.97 |
| 20021311-XXX28XXLF | 2 X 14 | 16.51 | 18.24 |
| 20021311-XXX30XXLF | 2 X 15 | 17.78 | 19.51 |
| 20021311-XXX32XXLF | 2 X 16 | 19.05 | 20.78 |
| 20021311-XXX34XXLF | 2 X 17 | 20.32 | 22.05 |
| 20021311-XXX36XXLF | 2 X 18 | 21.59 | 23.32 |
| 20021311-XXX38XXLF | 2 X 19 | 22.86 | 24.59 |
| 20021311-XXX40XXLF | 2 X 20 | 24.13 | 25.86 |
| 20021311-XXX42XXLF | 2 X 21 | 25.4 | 27.13 |
| 20021311-XXX44XXLF | 2 X 22 | 26.67 | 28.4 |
| 20021311-XXX46XXLF | 2 X 23 | 27.94 | 29.67 |
| 20021311-XXX48XXLF | 2 X 24 | 29.21 | 30.94 |
| 20021311-XXX50XXLF | 2 X 25 | 30.48 | 32.21 |
| 20021311-XXX52XXLF | 2 X 26 | 31.75 | 33.48 |
| 20021311-XXX54XXLF | 2 X 27 | 33.02 | 34.75 |
| 20021311-XXX56XXLF | 2 X 28 | 34.29 | 36.02 |
| 20021311-XXX58XXLF | 2 X 29 | 35.56 | 37.29 |
| 20021311-XXX60XXLF | 2 X 30 | 36.83 | 38.56 |
| 20021311-XXX62XXLF | 2 X 31 | 38.1 | 39.83 |
| 20021311-XXX64XXLF | 2 X 32 | 39.37 | 41.1 |
| 20021311-XXX66XXLF | 2 X 33 | 40.64 | 42.37 |
| 20021311-XXX66XXLF | 2 X 34 | 41.91 | 43.64 |

| PRODUCT NO. | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021311-XXX70XXLF | 2 X 35 | 43.18 | 44.91 |
| 20021311-XXX72XXLF | 2 X 36 | 44.45 | 46.18 |
| 20021311-XXX74XXLF | 2 X 37 | 45.72 | 47.45 |
| 20021311-XXX76XXLF | 2 X 38 | 46.99 | 48.72 |
| 20021311-XXX78XXLF | 2 X 39 | 48.26 | 49.99 |
| 20021311-XXX80XXLF | 2 X 40 | 49.53 | 51.26 |
| 20021311-XXX82XXLF | 2 X 41 | 50.8 | 52.53 |
| 20021311-XXX84XXLF | 2 X 42 | 52.07 | 53.8 |
| 20021311-XXX86XXLF | 2 X 43 | 53.34 | 55.07 |
| 20021311-XXX88XXLF | 2 X 44 | 54.61 | 56.34 |
| 20021311-XXX90XXLF | 2 X 45 | 55.88 | 57.61 |
| 20021311-XXX92XXLF | 2 X 46 | 57.15 | 58.88 |
| 20021311-XXX94XXLF | 2 X 47 | 58.42 | 60.15 |
| 20021311-XXX96XXLF | 2 X 48 | 59.69 | 61.42 |
| 20021311-XXX98XXLF | 2 X 49 | 60.96 | 62.69 |
| 20021311-XXXA0XXLF | 2 X 50 | 62.23 | 63.96 |



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| | | | | | |
|-------------|---------------|------------------|-----------|------------------|-------------------------------|
| mat'l. code | | surface | tolerance | projection | product family |
| ISO 1302 ✓ | | ISO 406 ISO 1101 | ISO 1101 | 1101 | MINITEK127® |
| ltr | ecn no | dr | date | title | |
| F | | | | RECEPTACLE VT TH | |
| angles | | linear | .0±.30 | mm | |
| 0°±2° | | | .00±.20 | scale 1:1 | |
| | | | .000±.10 | | |
| dr | Yuan-Yuan Bao | 12/07/21 | | Amphenol FCI | dwg no |
| engr | Yuan-Yuan Bao | 12/07/21 | | | sheet 2 of 3 |
| chr | Li-Qing Lei | 12/07/21 | | | size |
| appd | Tim Yao | 12/07/21 | | | A3 |
| sheet index | | revision sheet | | | type Product Customer Drawing |

NOTES:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.
TERMINAL: PHOSPHOR BRONZE.
2. FINISH:
TERMINAL: GOLD OR GXT PLATING AT CONTACT AREA (SEE TABLE);
2.54um/100u" MIN MATTE TIN OR GOLD FLASH AT SOLDER TAIL AREA;
1.27um/50u" MIN Ni OVER ALL AS UNDERPLATIN
3. PRODUCT SPEC PER GS-12-629;
4. PACKAGE SPEC PER GS-14-1420;
5. RECOMMENDED PCB THICKNESS IS 1.6MM.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260~C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
7. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. PART NUMBER DESCRIPTION:

20021311 - X X X XX X X LF

- LEAD FREE
- PLATING:(SEE TABLE 2)
1: GOLD FLASH AT CONTACT, 2.54um MIN. MATTE TIN AT TAIL
2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL
4: 0.25um Au MIN. AT CONTACT, 2.54um MINMATTE TIN AT TAIL
5: 0.25um Au MIN. AT CONTACT, GOLD FLASH AT TAIL
6: 0.38um GXT MIN. AT CONTACT, 2.54um MINMATTE TIN AT TAIL
7: 0.38um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
8: 0.76um GXT MIN. AT CONTACT, 2.54um MINMATTE TIN AT TAIL
9: 0.76um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
- PACKAGE:
T: TUBE
- PIN COUNT: (SEE TABLE 1)
06, 08, 10, ..., 98, A0
(6 - 100 EVERY EVEN PIN)
- TAIL LENGTH (DIMA):
0: 2.40MM
1: 1.78MM
- RESIN:
0: HIGH TEMPERATURE PLASTIC, BLACK
- POST:
0: WITHOUT POST



| | | | | | |
|-------------|----------------|---|-------------------------------|--|-------------------------------|
| mat'l. code | | surface ISO 1302 <input checked="" type="checkbox"/> | tolerance ISO 406 ISO 1101 | projection 1101 | product family MINITEK127® |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | title |
| F | | | | angles linear 0±.30 .00±.20 0±2° .000±.10 | RECEPTACLE VT TH |
| | | | | mm | scale 1:1 |
| | | dr | Yuan-Yuan Bao | 12/07/21 | dwg no |
| | | engr | Yuan-Yuan Bao | 12/07/21 | sheet 3 of 3 |
| | | chr | Li-Qing Lei | 12/07/21 | size |
| | | appd | Tim Yao | 12/07/21 | 20021311 |
| | | | | | A3 |
| | | | | | type Product Customer Drawing |
| sheet index | revision sheet | | | | |