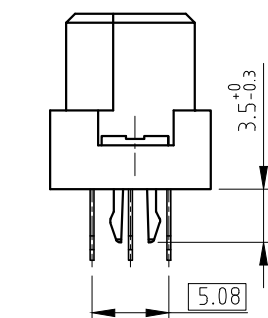
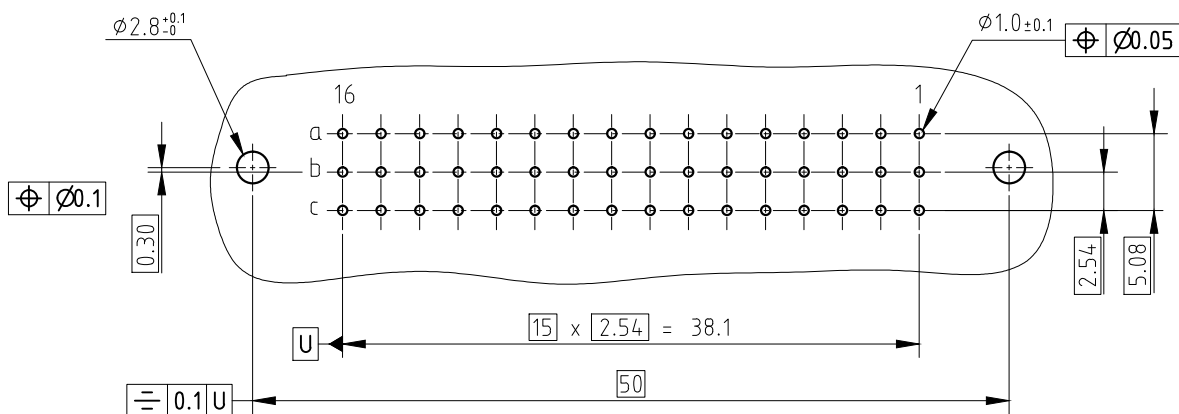


NO OPTION



WITH HARPOONS



PCB DRILLING DETAILS

TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0; GREY
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C
 CONTACT & HARPOON MATERIAL : COPPER ALLOY
 CONTACT PLATING :
 ACTIVE ZONE : Au OVER Ni
 TERMINATION ZONE : Sn (PURE MATT) OVER Ni
 HARPOON PLATING : Sn (PURE MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C : 1.5 A
 CURRENT (I MAX) : 2 A
 TEMPERATURE RANGE : -55°C TO +125°C
 CONTACT RESISTANCE : ≤ 20 m Ω
 INSULATION RESISTANCE : $\geq 10^6$ M Ω
 TEST VOLTAGE (rms) : 1000 V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94 N
 EXTRACTION FORCE PER CONTACT : ≥ 0.15 N
 REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

| | | | | | | | | | | |
|---|------|---|----|----|---|----|---|---|---|------|
| SERIES | 8609 | 3 | 48 | 8 | 3 | 14 | 7 | 5 | 5 | V1LF |
| ROWS FITTED WITH CONTACTS | | | | | | | | | | |
| ROW a b c | 3 | | | 48 | | | | | | |
| ROW a - c | 4 | | | 32 | | | | | | |
| NO. OF CONTACTS | | | | | | | | | | |
| TYPE OF INSULATOR | | | | | | | | | | |
| 3 ROW FEMALE INSULATOR | 8 | | | | | | | | | |
| METHOD OF MOUNTING | | | | | | | | | | |
| STANDARD MOUNTING - STYLE C/2 | 3 | | | | | | | | | |
| TERMINATION | | | | | | | | | | |
| STRAIGHT SPILL LONG, L = 4.0 ^{+0.7} | | | | | | | | | | 14 |
| STRAIGHT SPILL SHORT, L = 2.5 ^{+0.7} | | | | | | | | | | 24 |
| OPTIONS | | | | | | | | | | |
| NO OPTION | | | | | | | | | | 7 |
| WITH HARPOONS | | | | | | | | | | H |
| PERFORMANCE CLASS | | | | | | | | | | |
| DIN 41612 CLASS 3 | | | | | | | | | | 4 |
| DIN 41612 CLASS 2 | | | | | | | | | | 5 |
| DIN 41612 CLASS 1 | | | | | | | | | | 6 |
| AS PER MIL C 55302 / JSS 50808 | | | | | | | | | | 8 |
| PITCH PER ROW | | | | | | | | | | |
| 2.54 mm | | | | | | | | | | 5 |
| LEAD FREE VERSION | V1LF | | | | | | | | | |

NOTES:
 1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD.
 3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

| | | | | | | | | | |
|---------------------------------------|--|----------|--|------------------|--|------------|--|------------------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| SEE TECH. SPEC. | | ISO 1302 | | ISO 406 ISO 1101 | | mm | | 8609 | |
| tolerances unless otherwise specified | | angles | | linear | | scale 2:1 | | title | |
| A 108-0171 KR 2008-12-19 | | 0°±1° | | | | | | DIN STANDARD RECEPTACLE | |
| B ELX-I-010167 MJA 2012-02-02 | | | | | | | | STRAIGHT SPILL DIN 41612 STYLE C/2 | |
| | | dr | | KESAVAN R | | 2008-04-15 | | dwg no | |
| | | enrg | | KESAVAN R | | 2008-04-15 | | sheet 1 of 1 | |
| | | chr | | KESAVAN R | | 2008-04-15 | | size | |
| | | appd | | BIJU K PAUL | | 2008-04-15 | | A3 | |
| sheet index | | revision | | B | | | | type | |
| 1 | | sheet | | 1 | | | | Product Customer Drawing | |