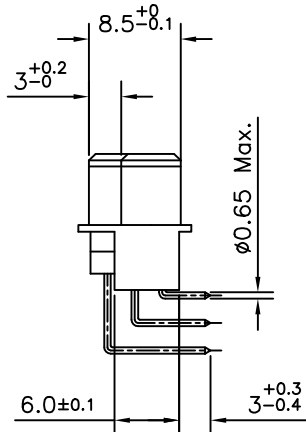
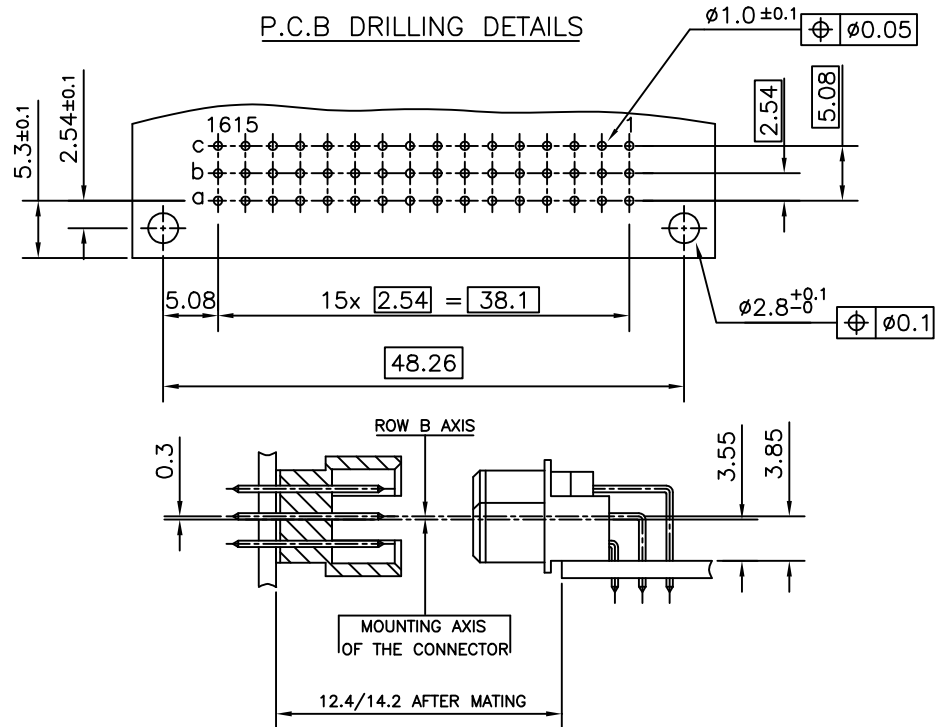
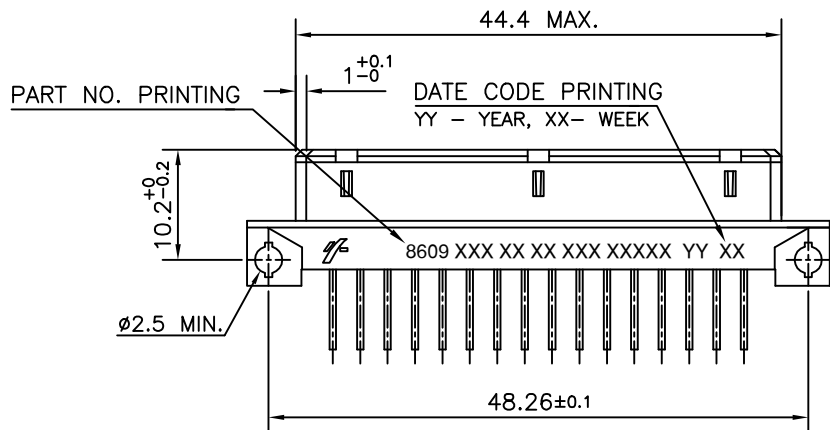
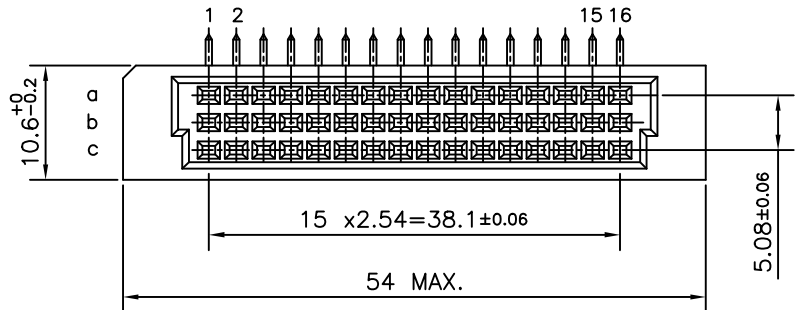


A

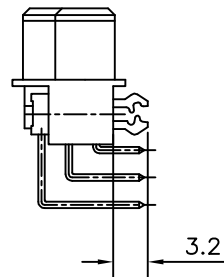
B

C

D



NO OPTION



WITH HARPOONS

### TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL 94V-0, GREY  
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C  
WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METTALIC DEVICE FOR RIGHT ANGLE  
CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL : COPPER ALLOY  
CONTACT PLATING :  
ACTIVE ZONE : GOLD OVER NICKEL  
TERMINATION ZONE :  
TIN LEAD VERSION : TIN LEAD OVER NICKEL  
LEAD FREE VERSION : TIN (PURE MATTE) OVER Ni  
HARPOON PLATING :  
TIN LEAD VERSION : TIN LEAD OVER NICKEL  
LEAD FREE VERSION : TIN (PURE MATTE) OVER Ni

ELECTRICAL DATA  
CURRENT RATING AT 20°C : 1,5 A  
CURRENT (I MAX) : 2 A  
TEMPERATURE RANGE : -55°C/ +125°C  
CONTACT RESISTANCE : ≤ 20mΩ  
INSULATION RESISTANCE : ≥ 10<sup>6</sup> MΩ  
TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA  
INSERTION FORCE PER CONTACT : ≤ 0.94N  
EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

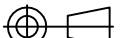
|                               |      |   |    |   |   |    |    |   |   |                   |
|-------------------------------|------|---|----|---|---|----|----|---|---|-------------------|
| SERIES                        | 8609 | 3 | 48 | 8 | 6 | 13 | 7  | 6 | 5 | 000E1             |
| ROWS FITTED WITH CONTACTS     |      |   |    |   |   |    |    |   |   |                   |
| Rows a b c                    |      | 3 | 48 |   |   |    |    |   |   |                   |
| Rows a - c                    |      | 4 | 32 |   |   |    |    |   |   |                   |
| NUMBER OF CONTACTS            |      |   |    |   |   |    |    |   |   |                   |
| TYPE OF INSULATOR             |      |   |    |   |   |    |    |   |   |                   |
| 3 ROW FEMALE INSULATOR        |      |   |    |   |   | 8  |    |   |   |                   |
| METHOD OF MOUNTING            |      |   |    |   |   |    |    |   |   |                   |
| REVERSE MOUNTING - STYLE R/2  |      |   |    |   |   | 6  |    |   |   |                   |
| TERMINATION                   |      |   |    |   |   |    |    |   |   |                   |
| ANGLED SPILL                  |      |   |    |   |   |    | 13 |   |   |                   |
| 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                          |      |   |    |   |   |    |    |   | 5 |                   |
| 000E1                         |      |   |    |   |   |    |    |   |   | TIN LEAD VERSION  |
| E1LF                          |      |   |    |   |   |    |    |   |   | LEAD FREE VERSION |

### NOTES:-

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 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
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

|       |            |                                                                |
|-------|------------|----------------------------------------------------------------|
| b     | 19/05/2005 | TECHNICAL SPECIFICATION MODIFIED AND LEAD FREE NOTE ADDED.     |
| a     | 23/09/2004 | DRAWING NO. WAS C-8609-0095 REV. b AND HARPOON MOUNTING ADDED. |
| INDEX | DATE       | REVISION DESCRIPTION                                           |

| ltr | Ecn no   | Dr   | date       |
|-----|----------|------|------------|
|     |          |      |            |
|     |          |      |            |
|     |          |      |            |
|     |          |      |            |
| b   | 105-0042 | MINI | 19/05/2005 |
| a   | 104-0100 | MINI | 09/11/2004 |

|                                                                                       |                  |                                                                      |            |   |                     |                                         |                          |                                                                                                     |            |                                                                                       |                |              |  |
|---------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------|------------|---|---------------------|-----------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|----------------|--------------|--|
|                                                                                       |                  |                                                                      |            | ✓ |                     | Tolerance<br>LINEAR ±0.1<br>ANGULAR ±1° |                          | Projection<br> |            |  |                |              |  |
| Dr                                                                                    | Mini K Vandanath |                                                                      | 23/09/2004 |   | Product Family 8609 |                                         |                          |                                                                                                     | Size<br>A3 |                                                                                       | Scale<br>_____ |              |  |
| Eng                                                                                   | Rakhee George    |                                                                      | 23/09/2004 |   | Spec ref            |                                         |                          |                                                                                                     |            |                                                                                       |                |              |  |
| Chr                                                                                   | Rakhee George    |                                                                      | 19/05/2005 |   |                     |                                         | Material SEE TECH. SPEC. |                                                                                                     |            |                                                                                       | ECN            |              |  |
| Appr                                                                                  | K Somasundaram   |                                                                      | 19/05/2005 |   |                     |                                         |                          |                                                                                                     |            |                                                                                       |                |              |  |
|  |                  | Title<br>DIN REVERSE RECEPTACLE<br>(ANGLED SPILL DIN41612 STYLE-R/2) |            |   |                     |                                         | Dwg no<br>C-8609-2027    |                                                                                                     |            |                                                                                       |                | Rev.<br>b    |  |
| D:ENGG:EURO:8609                                                                      |                  | Catalog no 8609---86137-5XXXXX, 8609---8613H-5XXXXX                  |            |   |                     |                                         | CUSTOMER COPY            |                                                                                                     |            |                                                                                       |                | Sheet 1 of 1 |  |

A

B

C

D