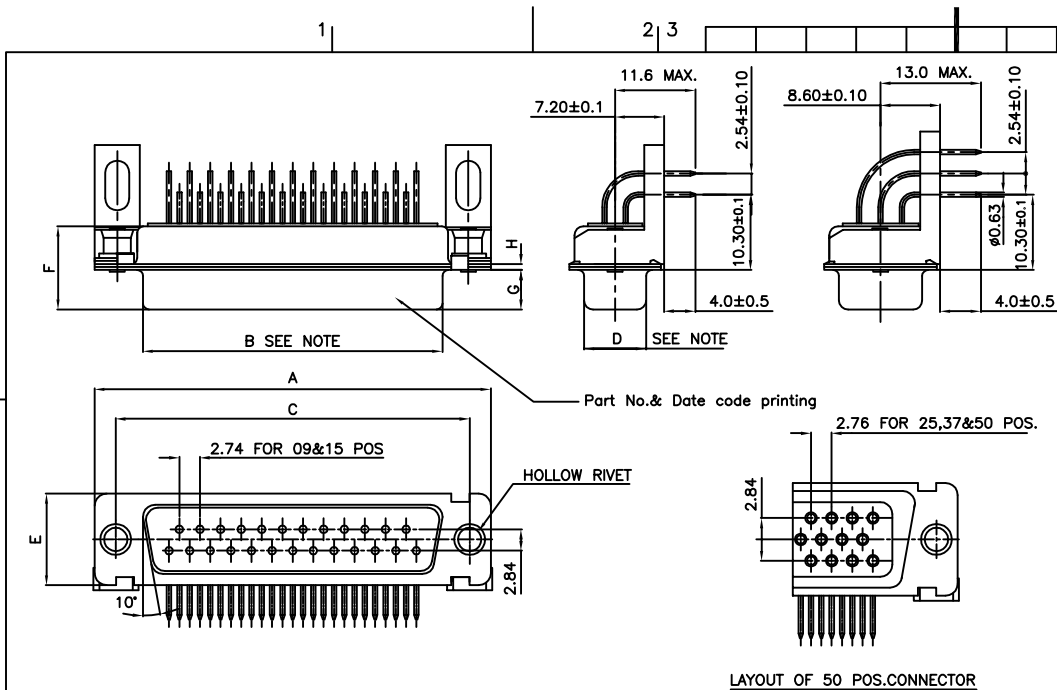
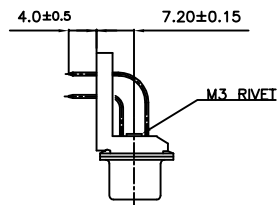


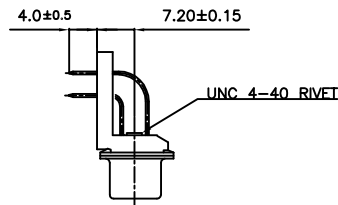


M3 RIVET WITH PLASTIC BRACKET  
AND HEXAGONAL FRONT SHELL



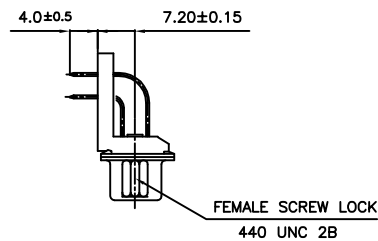
OPTION : L

UNC 4-40 RIVET WITH PLASTIC BRACKET  
AND HEXAGONAL FRONT SHELL



OPTION : O

FEMALE SCREW WITH PLASTIC BRACKET  
AND HEXAGONAL FRONT SHELL



OPTION : V

|            |   |       |       |       |       |       |       |       |     |
|------------|---|-------|-------|-------|-------|-------|-------|-------|-----|
| 50         | P | 66.65 | 52.68 | 61.11 | 11.08 | 14.99 | 11.09 | 5.85  | 1.0 |
|            | S | 66.65 | 52.30 | 61.11 | 10.62 | 14.99 | 11.21 | 6.05  | 0.8 |
| 37         | P | 68.94 | 55.30 | 63.50 | 8.23  | 12.17 | 11.09 | 5.85  | 1.0 |
|            | S | 68.94 | 54.71 | 63.50 | 7.77  | 12.17 | 11.21 | 6.05  | 0.8 |
| 25         | P | 52.65 | 38.84 | 47.04 | 8.23  | 12.17 | 11.07 | 5.85  | 0.8 |
|            | S | 52.65 | 38.25 | 47.04 | 7.77  | 12.17 | 11.21 | 6.05  | 0.8 |
| 15         | P | 38.76 | 25.12 | 33.32 | 8.23  | 12.17 | 10.99 | 5.85  | 0.8 |
|            | S | 38.76 | 24.54 | 33.32 | 7.77  | 12.17 | 11.21 | 6.05  | 0.8 |
| 09         | P | 30.43 | 16.79 | 24.99 | 8.23  | 12.17 | 10.99 | 5.85  | 0.8 |
|            | S | 30.43 | 16.21 | 24.99 | 7.77  | 12.17 | 11.21 | 6.05  | 0.8 |
| SHELL SIZE |   | A-0   | B-0   | C     | D-0   | E-0   | F MAX | G-0   | H-0 |
|            |   | +0.76 | +0.25 | ±0.12 | +0.25 | +0.76 | +0.15 | +0.22 |     |

NOTE:-INSIDE DIMENSIONS OF MALE AND OUTSIDE  
DIMENSIONS OF THE FEMALE CONNECTOR.

"This LF product meets 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 1.6mm minimum thick circuit board.  
Packaging as per GS-14-920

#### TECHNICAL SPECIFICATIONS

|                             |                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHELLS                      | : TIN/ZINC PLATED STEEL                                                                                                                                                                                 |
| INSULATOR MATERIAL          | : SELF EXTINGUISHING THERMOPLASTIC--<br>TO UL CLASS 94 V0                                                                                                                                               |
| INSULATOR MATERIAL          | : SELF EXTINGUISHING THERMOPLASTIC--<br>TO UL CLASS 94 V0<br>THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C<br>IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)<br>OR PROTECTIVE METALLIC DEVICE |
| CONTACTS DIA ON ACTIVE AREA | : #1 MM.                                                                                                                                                                                                |
| CONTACTS MATERIAL           | : COPPER ALLOY                                                                                                                                                                                          |
| CONTACT PLATING             | : GOLD OVER NICKEL                                                                                                                                                                                      |
| OPERATING TEMPERATURE       | : -55°C +125°C                                                                                                                                                                                          |
| OPERATING CURRENT           | : 7.5 A PER CONTACT                                                                                                                                                                                     |
| CONTACT RESISTANCE          | : <7.3 mΩ                                                                                                                                                                                               |
| INSULATION RESISTANCE       | : >5000 MΩ                                                                                                                                                                                              |
| MAXIMUM VOLTAGE             | : 1000 V.r.m.s                                                                                                                                                                                          |
| MECHANICAL ENDURANCE        | : 500 MATINGS MIN.FOR >0.75μ GOLD PLATING<br>200 MATINGS MIN.FOR <0.40μ GOLD PLATING                                                                                                                    |
| DAMP HEAT                   | : 56 DAYS FOR >0.75μ GOLD PLATING<br>21 DAYS FOR <0.40μ GOLD PLATING                                                                                                                                    |

#### ORDERING INFORMATION

|                  |                                                                                                |                                 |
|------------------|------------------------------------------------------------------------------------------------|---------------------------------|
| SERIES           | D B P V 25 P 5 64 T X XXX LF                                                                   | LEAD FREE                       |
| SHELL SIZE       | E,A,B,C,D                                                                                      | SPECIAL CODES                   |
| CHARACTERISATION | P-DP SERIES                                                                                    | DIMPLES                         |
| OPTIONS-1        | BLANK-STANDARD HOLE<br>V-FEM. SCREW LOCK HEX. (UNC)<br>L-CLINCH NUT (M3)<br>O-CLINCH NUT (UNC) | X-ON MALE CONNECTORS ONLY       |
| NO.OF CONTACTS   | 09,15,25,37,50                                                                                 | SHELL PLATING                   |
| CONTACTS         | P - PIN<br>S - SOCKET                                                                          | T-STD. TIN over Cu or Zinc Cr 3 |
| TERMINATION TYPE | 5-ANGLED SPILL 2.54mm BETWEEN ROWS                                                             | OPTIONS-2                       |
|                  |                                                                                                | BLANK-WITH PLASTIC BRACKET      |
|                  |                                                                                                | C-WITHOUT BRACKET               |
|                  |                                                                                                | CONTACT PLATING                 |
|                  |                                                                                                | 64 - Au FLASH                   |
|                  |                                                                                                | 65 - 0.75 μ Au                  |

|             |            |         |            |                                       |                   |            |                                                                  |
|-------------|------------|---------|------------|---------------------------------------|-------------------|------------|------------------------------------------------------------------|
| mat'l. code | SEE NOTE 4 | surface | ISO 1302   | tolerance                             | ISO 406 ISO 1101  | projection | product family                                                   |
| ltr         | ecn no     | dr      | date       | tolerances unless otherwise specified |                   |            | title                                                            |
| C           | 106-0074   | GVJ     | 2006/06/08 | angles                                | linear            | MM         | D-SUB A/S CONNECTOR<br>(DP SERIES WITH L,O & V ASSEMBLY OPTIONS) |
|             |            |         |            | dr                                    | Mini K Vandanaath | 1999/03/20 | dwg no                                                           |
|             |            |         |            | enrg                                  | George V Joseph   | 1999/03/20 | sheet 1 of 1                                                     |
|             |            |         |            | chr                                   | George V Joseph   | 2006/06/23 | size                                                             |
|             |            |         |            | appd                                  | K-V SIVADAS       | 2006/06/23 | A3                                                               |
| sheet index | revision   | C       |            |                                       |                   |            | type                                                             |
|             | sheet      | 1       |            |                                       |                   |            | Product Customer Drawing                                         |