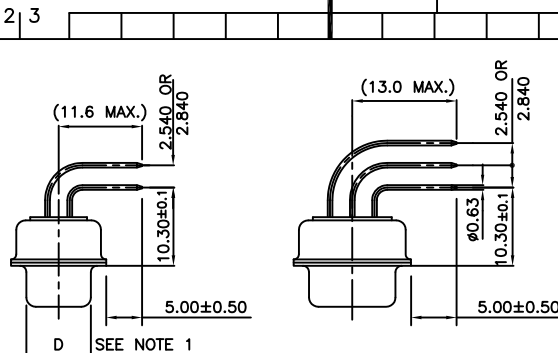
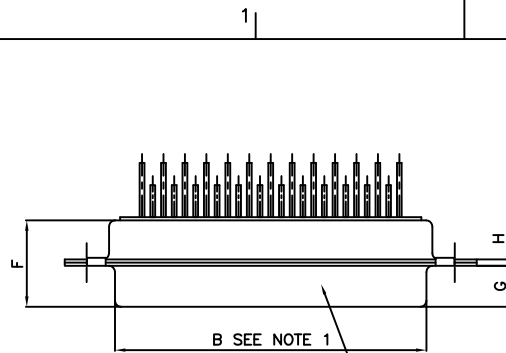
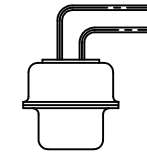


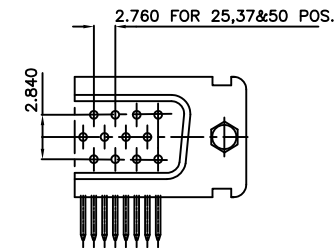
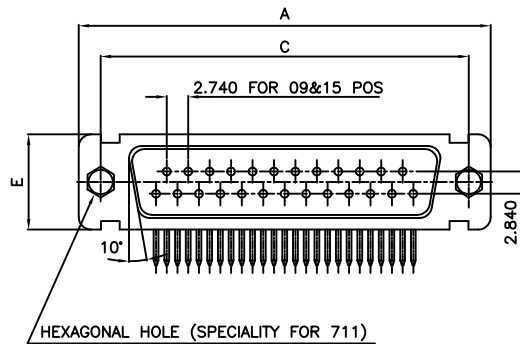


#### OPTIONAL VIEW FOR TERMINAL BENDING



|            |   |       |       |       |       |       |       |      |       |     |       |       |       |     |       |     |
|------------|---|-------|-------|-------|-------|-------|-------|------|-------|-----|-------|-------|-------|-----|-------|-----|
| 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 | 11.09 | 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   | +0.76 | B-0   | +0.25 | C     | +0.12 | D-0  | +0.25 | E-0 | +0.76 | F MAX | +0.15 | G-0 | +0.22 | H-0 |

PART & NUMBER AND DATE CODE PRINTING



LAYOUT OF 50 POS.CONNCTOR

#### TECHNICAL SPECIFICATIONS

|                             |   |                                                            |
|-----------------------------|---|------------------------------------------------------------|
| SHELLS                      | : | TIN PLATED STEEL                                           |
| INSULATOR MATERIAL          | : | SELF EXTINGUISHING THERMOPLASTIC-<br>TO UL CLASS 94 V0     |
| CONTACTS DIA ON ACTIVE AREA | : | Ø1 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 CODE 65<br>200 MATINGS MIN.FOR CODE 64 |
| DAMP HEAT                   | : | 56 DAYS FOR CODE 65<br>21 DAYS FOR CODE 64                 |

#### NOTE:

- 1) INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNECTOR
- 2) REFER DRG: C-DSUB-0186 FOR PCB LAYOUT

"This LF product meets European Union Directives and other country regulations as described in GS-47-0004"

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

| ORDERING INFORMATION  |                |   |   |    |   |   |    |   |   |   |     |                           |           |  |
|-----------------------|----------------|---|---|----|---|---|----|---|---|---|-----|---------------------------|-----------|--|
| SERIES                | D              | B | P | 25 | P | 5 | 64 | C | T | X | 711 | LF                        | LEAD FREE |  |
| SHELL SIZE            | E,A,B,C,D      |   |   |    |   |   |    |   |   |   |     | HEXAGONAL FRONT SHELL     |           |  |
| CHARACTERISATION      | P-DP SERIES    |   |   |    |   |   |    |   |   |   |     | DIMPLES                   |           |  |
| P-DP SERIES           |                |   |   |    |   |   |    |   |   |   |     | X-ON MALE CONNECTORS ONLY |           |  |
| OPTIONS-1             |                |   |   |    |   |   |    |   |   |   |     | SHELL PLATING             |           |  |
| BLANK-STANDARD        |                |   |   |    |   |   |    |   |   |   |     | T-TIN over Cu             |           |  |
| NO.OF CONTACTS        | 09,15,25,37,50 |   |   |    |   |   |    |   |   |   |     | OPTIONS-2                 |           |  |
| CONTACTS              |                |   |   |    |   |   |    |   |   |   |     | C-WITHOUT BRACKET         |           |  |
| P - PIN               |                |   |   |    |   |   |    |   |   |   |     |                           |           |  |
| S - SOCKET            |                |   |   |    |   |   |    |   |   |   |     |                           |           |  |
| TERMINATION TYPE      |                |   |   |    |   |   |    |   |   |   |     | CONTACT PLATING           |           |  |
| 5-ANGLED SPILL 2.54mm | BETWEEN ROWS   |   |   |    |   |   |    |   |   |   |     | 64 - 200 MATING CYCLES    |           |  |
| 8-ANGLED SPILL 2.84mm | BETWEEN ROWS   |   |   |    |   |   |    |   |   |   |     | 65 - 500 MATING CYCLES    |           |  |

|             |             |                |            |                                       |                   |                  |            |            |  |                                                  |             |  |              |          |
|-------------|-------------|----------------|------------|---------------------------------------|-------------------|------------------|------------|------------|--|--------------------------------------------------|-------------|--|--------------|----------|
| mat'l. code |             |                |            | surface                               |                   | tolerance        |            | projection |  | product family                                   |             |  |              |          |
| -           |             |                |            | ISO 1302                              |                   | ISO 406 ISO 1101 |            |            |  | D-SUB                                            |             |  |              |          |
| ltr         | ecn no      | dr             | date       | tolerances unless otherwise specified |                   |                  |            |            |  | title                                            |             |  |              |          |
| B           | 106-0074    | GVJ            | 2006/06/08 | angles                                |                   | linear           |            | MM         |  | D-SUB DP A/S CONNECTOR<br>(FOR SPECIAL CODE 711) |             |  |              |          |
| C           | ELX-I-20930 | MP             | 2015/05/20 |                                       |                   |                  |            |            |  |                                                  |             |  |              | .00±0.06 |
|             |             |                |            | 0°±2°                                 |                   |                  |            | scale      |  |                                                  |             |  |              |          |
|             |             |                |            | dr                                    | Mini K Vandanaath |                  | 2005/11/22 |            |  |                                                  | dwg no      |  | sheet 1 of 1 | size     |
|             |             |                |            | enrg                                  | Mithun Paul       |                  | 2015/05/20 |            |  |                                                  | C-DSUB-0155 |  | A3           |          |
|             |             |                |            | chr                                   | Alias Babu        |                  | 2015/05/20 |            |  |                                                  |             |  |              |          |
|             |             |                |            | appd                                  | BljuK.Paul        |                  | 2015/05/20 |            |  |                                                  |             |  |              |          |
| sheet index |             | revision sheet |            | C                                     | 1                 |                  |            |            |  |                                                  |             |  |              |          |