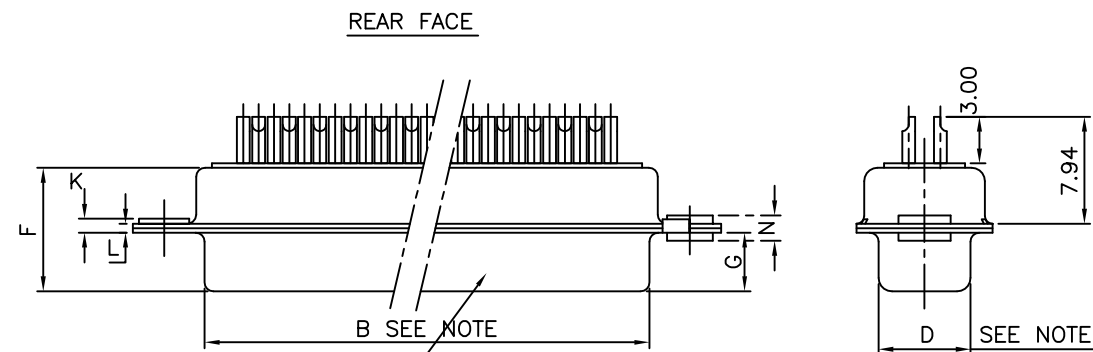
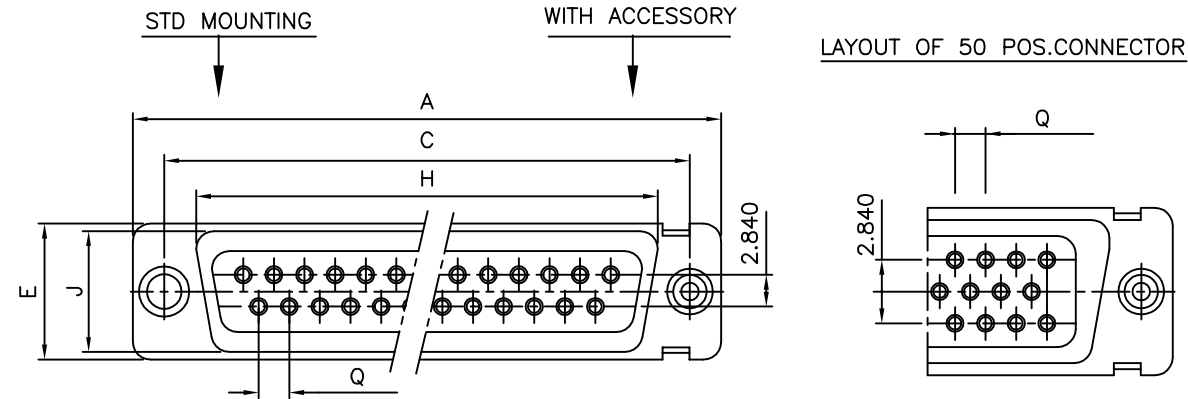
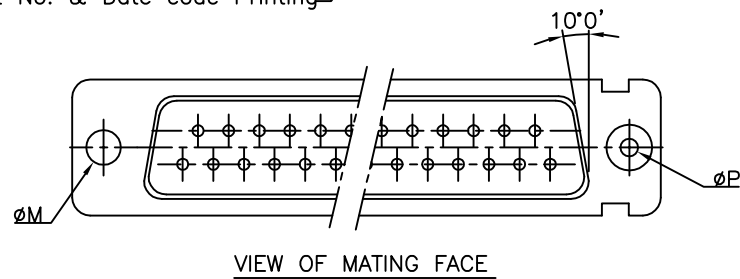




Part No. &amp; Date code Printing



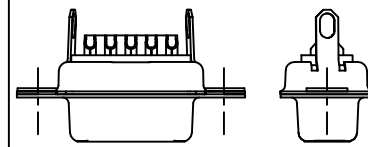
## ORDERING INFORMATION

|                              |   |   |   |   |    |   |   |    |   |   |   |     |    |                                               |
|------------------------------|---|---|---|---|----|---|---|----|---|---|---|-----|----|-----------------------------------------------|
| SERIES                       | D | B | P | V | 25 | P | O | 64 | C | T | X | XXX | LF | LEAD FREE                                     |
| SHELL SIZE                   |   |   |   |   |    |   |   |    |   |   |   |     |    | APPLICABLE ONLY FOR DP SERIES                 |
| CHARACTERISATION             |   |   |   |   |    |   |   |    |   |   |   |     |    | SPECIAL CODE                                  |
| M-DM SERIES                  |   |   |   |   |    |   |   |    |   |   |   |     |    | DIMPLES - OPTIONAL                            |
| P-DP SERIES                  |   |   |   |   |    |   |   |    |   |   |   |     |    | X-ON MALE DP CONNECTORS ONLY                  |
| OPTIONS                      |   |   |   |   |    |   |   |    |   |   |   |     |    | SHELL PLATING                                 |
| BLANK-STANDARD               |   |   |   |   |    |   |   |    |   |   |   |     |    | BLANK-ZINC for DP/CADMIUM for DM              |
| F-FLOAT MOUNTING             |   |   |   |   |    |   |   |    |   |   |   |     |    | T-STD (Only for DP). TIN over Cu or Zinc Cr 3 |
| L-CLINCH NUT (M3)            |   |   |   |   |    |   |   |    |   |   |   |     |    | OPTIONS                                       |
| O-CLINCH NUT (UNC)           |   |   |   |   |    |   |   |    |   |   |   |     |    | BLANK-STANDARD                                |
| V-FEM. SCREW LOCK HEX. (UNC) |   |   |   |   |    |   |   |    |   |   |   |     |    | H-SHIELDING TERMINATION FINGERS (Only for DP) |
| N-THR FEM. SCREW LOCK M3     |   |   |   |   |    |   |   |    |   |   |   |     |    | N- OBLIGATORY FOR DM                          |
| NO.OF CONTACTS               |   |   |   |   |    |   |   |    |   |   |   |     |    | CONTACT PLATING                               |
| 09,15,25,37,50               |   |   |   |   |    |   |   |    |   |   |   |     |    | 64 - 200 MATING CYCLES                        |
| CONTACTS                     |   |   |   |   |    |   |   |    |   |   |   |     |    | 65 - 500 MATING CYCLES                        |
| P - PIN                      |   |   |   |   |    |   |   |    |   |   |   |     |    | 32 - 1.27µ Au                                 |
| S - SOCKET                   |   |   |   |   |    |   |   |    |   |   |   |     |    |                                               |
| TERMINATION TYPE             |   |   |   |   |    |   |   |    |   |   |   |     |    |                                               |
| O-SOLDER BUCKET              |   |   |   |   |    |   |   |    |   |   |   |     |    |                                               |

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

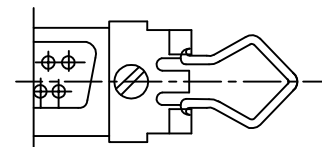
Packaging as per GS-14-920

## WITH SHIELDING TERMINATION FINGERS



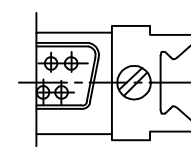
OPTION: H

## MALE LEVER LOCK



ORD CODE 8630-3427(EABC)  
,, 8630-3428(D)

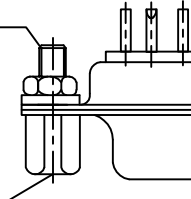
## FEMALE LEVER LOCK



ORD CODE 8630-3425(EABC)  
,, 8630-3426(D)

## FEMALE SCREW LOCK

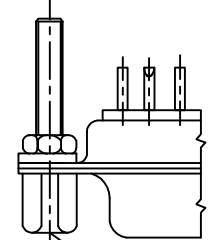
EXTERNAL THREAD



INTERNAL THREAD

|          |                 |                 |
|----------|-----------------|-----------------|
| 8630-01  | M3              | M3              |
| 8630-01A | M3              | 4-40 UNC 2      |
| 8630-01B | 4-40 UNC 2A     | 4-40 UNC 2B     |
| ORD-CODE | EXTERNAL THREAD | INTERNAL THREAD |

## FEMALE SCREW LOCK EXTEND TYPE



UNC 4-40,2B  
THREAD  
ORD CODE 8630-01-061

## TECHNICAL SPECIFICATIONS

|                             |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHELLS                      | : TIN/CADMIUM/ZINC PLATED STEEL                                                                                                                                                                 |
| INSULATOR MATERIAL          | : SELF EXTINGUISHING THERMOPLASTIC-<br>TO UL CLASS 94 V0<br>HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C<br>IF USE PROTECTIVE ADHESIVE (type Kapton or Teflon)<br>OR PROTECTIVE METALLIC DEVICE |
| CONTACT DIA ON ACTIVE AREA: | Ø1 MM.                                                                                                                                                                                          |
| CONTACTS MATERIAL           | : COPPER ALLOY                                                                                                                                                                                  |
| CONTACT PLATING             | : GXT / 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 FOR CODE 65 & 32<br>: 200 MATINGS FOR CODE 64                                                                                                                                     |
| DAMP HEAT                   | : 56 DAYS FOR CODE 65 & 32<br>: 21 DAYS FOR CODE 64                                                                                                                                             |

|             |             |        |            |                                       |                  |            |                                      |  |  |  |
|-------------|-------------|--------|------------|---------------------------------------|------------------|------------|--------------------------------------|--|--|--|
| mat'l. code |             |        |            | surface                               | tolerance        | projection | product family                       |  |  |  |
| SEE NOTES   |             |        |            | ISO 1302                              | ISO 406          | ISO 1101   | D-SUB                                |  |  |  |
| ltr         | ecn no      | dr     | date       | tolerances unless otherwise specified |                  |            | title                                |  |  |  |
| N           | ELX-I-25321 | GREGAR | 2016-14-11 | angles                                | linear           |            | D-SUB S/B CONNECTOR                  |  |  |  |
|             |             |        |            | 1'±x'                                 |                  | mm         | (DP&DM SERIES WITH ASSEMBLY OPTIONS) |  |  |  |
|             |             |        |            |                                       |                  | scale NTS  | dwg no                               |  |  |  |
|             |             |        |            | dr                                    | MINI K VANDANATH | 1999-03-20 | sheet 1 of 1                         |  |  |  |
|             |             |        |            | engr                                  | MITHUN PAUL      | 2016-14-11 | size                                 |  |  |  |
|             |             |        |            | chr                                   | GREGAR MATHEW    | 2016-14-11 | C-DSUB-0068                          |  |  |  |
|             |             |        |            | appd                                  | BIJU K PAUL      | 2016-14-11 | type                                 |  |  |  |
| sheet index | revision    | 1      |            |                                       |                  |            | Product Customer Drawing             |  |  |  |
|             | sheet       | 1      |            |                                       |                  |            |                                      |  |  |  |