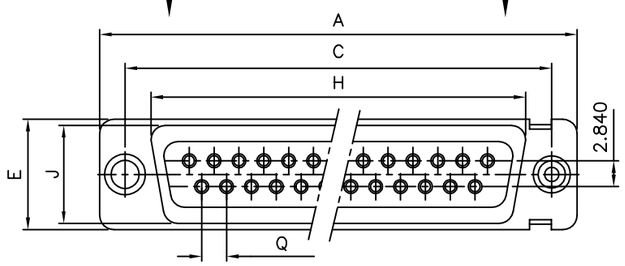
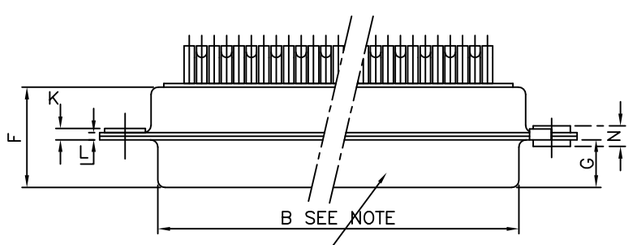
STD MOUNTING

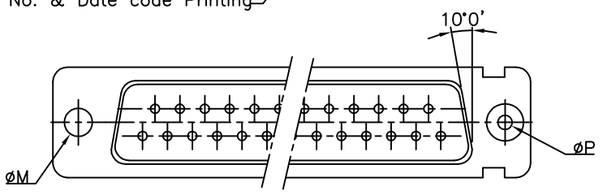
WITH ACCESSORY




REAR FACE

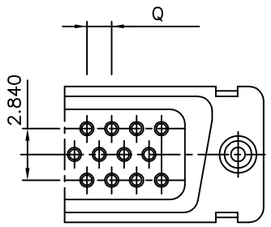


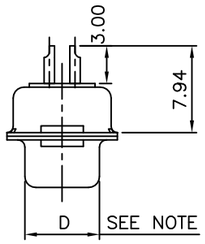

Part No. & Date code Printing



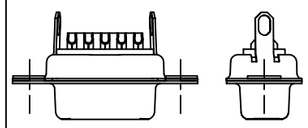

VIEW OF MATING FACE

LAYOUT OF 50 POS.CONNECTOR




WITH SHIELDING TERMINATION FINGERS

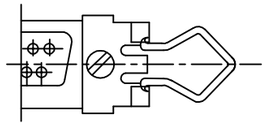


OPTION: H

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | P | 66.65 | 52.68 | 61.11 | 11.08 | 14.99 | 11.09 | 5.85 | 55.07 | 13.31 | 1.50 | 1.0 | 3.10 | 3.05 | 2.20 | 2.76 |
| | S | 66.65 | 52.30 | 61.11 | 10.62 | 14.99 | 11.21 | 6.05 | 55.07 | 13.31 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.76 |
| 37 | P | 68.94 | 55.30 | 63.50 | 8.23 | 12.17 | 11.09 | 5.85 | 57.45 | 10.46 | 1.50 | 1.0 | 3.10 | 3.05 | 2.20 | 2.76 |
| | S | 68.94 | 54.71 | 63.50 | 7.77 | 12.17 | 11.21 | 6.05 | 57.45 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.76 |
| 25 | P | 52.65 | 38.84 | 47.04 | 8.23 | 12.17 | 11.07 | 5.85 | 41.02 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.76 |
| | S | 52.65 | 38.25 | 47.04 | 7.77 | 12.17 | 11.21 | 6.05 | 41.02 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.76 |
| 15 | P | 38.76 | 25.12 | 33.32 | 8.23 | 12.17 | 10.99 | 5.85 | 27.25 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.74 |
| | S | 38.76 | 24.54 | 33.32 | 7.77 | 12.17 | 11.21 | 6.05 | 27.25 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.74 |
| 09 | P | 30.43 | 16.79 | 24.99 | 8.23 | 12.17 | 10.99 | 5.85 | 19.02 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.74 |
| | S | 30.43 | 16.21 | 24.99 | 7.77 | 12.17 | 11.21 | 6.05 | 19.02 | 10.46 | 1.10 | 0.8 | 3.10 | 2.85 | 2.20 | 2.74 |
| SHELL SIZE | | +0.76 A–0 | +0.25 B–0 | ±0.12 C | +0.25 D–0 | +0.76 E–0 | F MAX | +0.15 G–0 | +0.51 H–0 | +0.51 J–0 | K±0.20 | +0.22 L–0 | +0.08 M–0.1 | N MAX. | +0.10 P 0 | Q±0.06 |

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

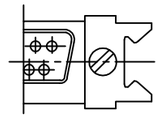
MALE LEVER LOCK



ORD CODE 8630–3427(EABC)

,, 8630–3428(D)

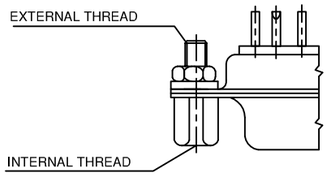
FEMALE LEVER LOCK



ORD CODE 8630–3425(EABC)

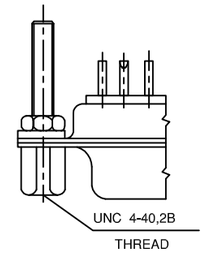
,, 8630–3426(D)

FEMALE SCREW LOCK



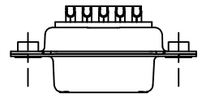

| | | |
|---|---|---|
| 8630-01 | M3 | M3 |
| 8630-01A | M3 | 4-40 UNC 2 |
| 8630-01B | 4-40 UNC 2A | 4-40 UNC 2B |
| ORD-CODE | EXTERNAL THREAD | INTERNAL THREAD |

FEMALE SCREW LOCK EXTEND TYPE




ORD CODE 8630–01–061

CLINCH NUT

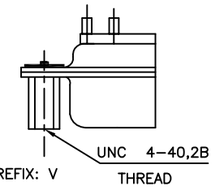


PREFIX:

0 – UNC4–40

L – M3

RIVETTED FEMALE SCREW LOCK




PREFIX: V

## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| SHELLS | : | TIN/CADMIUM/ZINC PLATED STEEL |
| INSULATOR MATERIAL | : | SELF EXTINGUISHING THERMOPLASTIC– TO UL CLASS 94 V0 |
| | | HOUSING WILL WITHSTAND EXPOSURE TO 260–265°C |
| | | IF USE PROTECTIVE ADHESIVE (type Kapton or Teflon) 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 |
| | : | 200 MATINGS FOR CODE 64 |
| DAMP HEAT | : | 56 DAYS FOR CODE 65 & 32 |
| | : | 21 DAYS FOR CODE 64 |

## ORDERING INFORMATION

D B P V 25 P 0 64 C T X XXX LF

- SERIES
- SHELL SIZE — E,A,B,C,D
- CHARECTERISATION — M–DM SERIES; P–DP SERIES
- OPTIONS — BLANK–STANDARD; F–FLOAT MOUNTING; L–CLINCH NUT (M3); O–CLINCH NUT (UNC); V–FEM. SCREW LOCK HEX. (UNC); N–THR FEM. SCREW LOCK M3
- NO.OF CONTACTS — 09,15,25,37,50
- CONTACTS — P – PIN; S – SOCKET
- TERMINATION TYPE — 0–SOLDER BUCKET
- CONTACT PLATING — 64 – 200 MATING CYCLES; 65 – 500 MATING CYCLES; 32 – 1.27µ Au
- OPTIONS — BLANK–STANDARD; H–SHIELDING TERMINATION FINGERS (Only for DP); N– OBLIGATORY FOR DM
- SHELL PLATING — BLANK–ZINC for DP/CADMIUM for DM; T–STD (Only for DP). TIN over Cu or Zinc Cr 3
- DIMPLES – OPTIONAL — X–ON MALE DP CONNECTORS ONLY
- SPECIAL CODE
- LEAD FREE — APPLICABLE ONLY FOR DP SERIES

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

Packaging as per GS–14–920

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| mat'l. code: SEE NOTES | | | | surface: ISO 1302 | tolerance: ISO 406 ISO 1101 | projection | product family: D–SUB |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | title: D–SUB S/B CONNECTOR (DP&DM SERIES WITH ASSEMBLY OPTIONS) |
| N | ELX–I–25321 | GREGAR | 2016–14–11 | angles | linear .00±0.25 | mm | |
| | | | | 1°±x° | .000±.0.1 | scale NTS | |
| | | | | dr | MINI K VANDANATH | 1999–03–20 | dwg no: C–DSUB–0068 |
| | | | | engr | MITHUN PAUL | 2016–14–11 | sheet 1 of 1 |
| | | | | chr | GREGAR MATHEW | 2016–14–11 | size: A3 |
| | | | | appd | BIJU K PAUL | 2016–14–11 | type: Product Customer Drawing |
| sheet index | revision | 1 | | | | | |
| | sheet | 1 | | | | | |