



4.40 UNC2A OR M3

ORD.CODE:-8630-05(E,A,B,C)
ORD.CODE:-8630-03 D/SHELL FEMALE.
ORD.CODE:-8630-15 D/SHELL MALE.
ORD.CODE:-8630-04 E,A,B,C SHELL.
WITH METAL HOOD.
FOR 4.40UNC THREAD ADD 'N' TO THE CORRESPONDING ORD.CODE.

EXTENDED FEMALE SCREW- LOCK WITH SPACER

4.40 UNC2B
ORD.CODE:-8630-01-062

SPACER RIVETTED TO SHELL

OPTION:-S

HARPOON RIVETTED TO SHELL

UNC 4-40
OPTION:-G WITH IN COMBINATION WITH L/O

FEMALE SCREW RIVETTED TO SHELL

4.40 UNC2B
OPTION:-V

CLINCH NUT RIVETTED TO SHELL

OPTION:-L
OPTION:-O

| | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------|-------|-------|-------|-------|------------|------|-------|-------|-------|-------|-----|-------|-----|-------|-----|-------|--------------|-----|-------|
| 50 | P | 66.65 | 52.68 | 61.11 | 11.08 | 14.99 | 11.09 | 5.85 | 55.07 | 13.31 | 1.50 | 1.0 | | | | | | | | | |
| | S | 66.65 | 52.30 | 61.11 | 10.62 | 14.99 | 11.21 | 6.05 | 55.07 | 13.31 | 1.10 | 0.8 | | | | | | | | | |
| 37 | P | 68.94 | 55.30 | 63.50 | 8.23 | 12.17 | 11.09 | 5.85 | 57.45 | 10.46 | 1.50 | 1.0 | | | | | | | | | |
| | S | 68.94 | 54.71 | 63.50 | 7.77 | 12.17 | 11.21 | 6.05 | 57.45 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| 25 | P | 52.65 | 38.84 | 47.04 | 8.23 | 12.17 | 11.07 | 5.85 | 41.02 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| | S | 52.65 | 38.25 | 47.04 | 7.77 | 12.17 | 11.21 | 6.05 | 41.02 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| 15 | P | 38.76 | 25.12 | 33.32 | 8.23 | 12.17 | 10.99 | 5.85 | 27.25 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| | S | 38.76 | 24.54 | 33.32 | 7.77 | 12.17 | 11.21 | 6.05 | 27.25 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| 09 | P | 30.43 | 16.79 | 24.99 | 8.23 | 12.17 | 10.99 | 5.85 | 19.02 | 10.46 | 1.10 | 0.8 | | | | | | | | | |
| | S | 30.43 | 16.21 | 24.99 | 7.77 | 12.17 | 11.21 | 6.05 | 19.02 | 10.46 | 1.10 | 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 | G-0 | +0.15 | H-0 | +0.51 | J-0 | +0.51 | K ± 0.20 | L-0 | +0.22 |

TECHNICAL SPECIFICATIONS

SHELLS : TIN/ZINC PLATED STEEL
INSULATOR MATERIAL : SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0
THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
CONTACTS DIA ON ACTIVE AREA : $\phi 1$ 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 m Ω
INSULATION RESISTANCE : ≥ 5000 M Ω
MAXIMUM VOLTAGE : 1000 V.r.m.s
MECHANICAL ENDURANCE : 500 MATINGS FOR CODE 65
: 200 MATINGS FOR CODE 64
DAMP HEAT : 56 DAYS FOR CODE 65
: 21 DAYS FOR CODE 64

"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.
Pckaging as per GS-14-920

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

ORDERING INFORMATION

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|--|--------------------------------|--|
| SERIES | D B P V 25 P 3 64 C T X XXX LF | LEAD FREE |
| SHELL SIZE E,A,B,C,D | | SPECIAL CODES |
| CHARECTERISATION P-DP SERIES | | DIMPLES- OPTIONAL X-ON MALE CONNECTORS ONLY |
| OPTIONS BLANK-STANDARD V-FEM. SCREW LOCK HEX. (UNC) L-CLINCH NUT (M3) O-CLINCH NUT (UNC) S-SPACER RIVETTED TO SHELL (S/S ONLY) | | SHELL PLATING BLANK-ZINC +Cr3 T-STD. TIN over Cu |
| NO.OF CONTACTS 09,15,25,37,50 | | OPTIONS BLANK-STANDARD G-HARPOON (UNC4-40) |
| CONTACTS P - PIN S - SOCKET | | CONTACT PLATING 64 - 200 MATING CYCLES 65 - 500 MATING CYCLES |
| | | TERMINATION TYPE 3-STRAIGHT SPILL 4-WIRE WRAP TERMINATION 12.70MM 6-WIRE WRAP TERMINATION 9.64MM |

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|-------------|------------|----------|------------|---------------------------------------|------------------|------------|----------------|---|
| mat'l. code | SEE NOTE 4 | surface | ISO 1302 | tolerance | ISO 406 ISO 1101 | projection | product family | D-SUB |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | MM | title | D-SUB S/S,W/W CONNECTOR (DP SERIES WITH ASSEMBLY OPTIONS) |
| F | I06-0074 | GVJ | 2006-06-08 | angles | linear | | | scale - |
| G | I08-0047 | AMR | 2008-03-25 | | | FCI | sheet 1 of 1 | |
| H | I08-0125 | AMR | 2008-09-25 | | | | | size |
| J | I08-0139 | AMR | 2008-10-13 | dr | Mini K Vandanath | 1999-03-20 | type | |
| K | I09-0075 | AMR | 2009-05-14 | enr | George V Joseph | 1999-03-20 | | Product |
| L | I11-0003 | AMR | 2011-01-06 | chr | Abhilash M R | 2008-09-25 | Customer | |
| sheet index | | revision | L | appd | Sudhir Varma | 2008-09-25 | | Drawing |
| 1 | | sheet | 1 | | | | | |