



VIEW OF MATING FACE

## ORDERING INFORMATION

| SERIES                              | D | B | V | 25 | P | 0 | 64 | C | T | X | B | XXX | LF |
|-------------------------------------|---|---|---|----|---|---|----|---|---|---|---|-----|----|
| SHELL SIZE                          |   |   |   |    |   |   |    |   |   |   |   |     |    |
| E,A,B,C,D                           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| OPTIONS                             |   |   |   |    |   |   |    |   |   |   |   |     |    |
| BLANK-STANDARD                      |   |   |   |    |   |   |    |   |   |   |   |     |    |
| F-FLOAT MOUNTING                    |   |   |   |    |   |   |    |   |   |   |   |     |    |
| V-FEM, SCREW LOCK HEX, (UNC)        |   |   |   |    |   |   |    |   |   |   |   |     |    |
| N-THREADED FEM, SCREW LOCK M3       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| L-CLINCH NUT (M3)                   |   |   |   |    |   |   |    |   |   |   |   |     |    |
| W-RIVETED FEM, SCREW LOCK ROUND UNC |   |   |   |    |   |   |    |   |   |   |   |     |    |
| O-CLINCH NUT (UNC)                  |   |   |   |    |   |   |    |   |   |   |   |     |    |
| NO.OF CONTACTS                      |   |   |   |    |   |   |    |   |   |   |   |     |    |
| 09,15,25,37,50                      |   |   |   |    |   |   |    |   |   |   |   |     |    |
| CONTACTS                            |   |   |   |    |   |   |    |   |   |   |   |     |    |
| P - PIN                             |   |   |   |    |   |   |    |   |   |   |   |     |    |
| S - SOCKET                          |   |   |   |    |   |   |    |   |   |   |   |     |    |
| TERMINATION TYPE                    |   |   |   |    |   |   |    |   |   |   |   |     |    |
| 0 / BLANK - SOLDER BUCKET           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| LEAD FREE                           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| SPECIAL CODES                       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| INSULATOR COLOUR                    |   |   |   |    |   |   |    |   |   |   |   |     |    |
| BLANK- NATURAL                      |   |   |   |    |   |   |    |   |   |   |   |     |    |
| B - BLACK                           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| DIMPLES                             |   |   |   |    |   |   |    |   |   |   |   |     |    |
| X-ON MALE CONNECTORS ONLY           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| SHELL PLATING                       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| BLANK-ZINC                          |   |   |   |    |   |   |    |   |   |   |   |     |    |
| T-STD, TIN over Cu or Zinc Cr 3     |   |   |   |    |   |   |    |   |   |   |   |     |    |
| OPTIONS                             |   |   |   |    |   |   |    |   |   |   |   |     |    |
| BLANK-STANDARD                      |   |   |   |    |   |   |    |   |   |   |   |     |    |
| H-SHIELDING TERMINATION FINGERS     |   |   |   |    |   |   |    |   |   |   |   |     |    |
| G-HARPOON                           |   |   |   |    |   |   |    |   |   |   |   |     |    |
| M-METAL BRACKET                     |   |   |   |    |   |   |    |   |   |   |   |     |    |
| C-WITHOUT BRACKET                   |   |   |   |    |   |   |    |   |   |   |   |     |    |
| CONTACT PLATING                     |   |   |   |    |   |   |    |   |   |   |   |     |    |
| BLANK-0.2 #Au                       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| 64 - Au FLASH                       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| 65 - 0.75 #Au                       |   |   |   |    |   |   |    |   |   |   |   |     |    |
| 67 - 0.4 #Au                        |   |   |   |    |   |   |    |   |   |   |   |     |    |

|                             |   |                                                       |
|-----------------------------|---|-------------------------------------------------------|
| SHELLS                      | : | TIN/CADMIUM/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 | : | Ø1 MM,                                                |
| CONTACTS MATERIAL           | : | COPPER ALLOY                                          |
| CONTACT PLATING             | : | GOLD OVER NICKEL (ACTIVE ZONE)                        |
|                             | : | TINLEAD OVER NICKEL (TERMINATION ZONE)                |
| FOR LEAD FREE PLATING       | : | 2 µMIN,MATTE TIN TOP OVER                             |
|                             | : | 1.27µMIN,NICKEL UNDER PLATE(ON TERMINATION ZONE)      |
| OPERATING TEMPERATURE       | : | -55°C +125°C                                          |
| OPERATING CURRENT           | : | 5 A PER CONTACT                                       |
| CONTACT RESISTANCE          | : | ≤10m Ω                                                |
| INSULATION RESISTANCE       | : | ≥5000M Ω                                              |
| MAXIMUM VOLTAGE             | : | 1000 V <sub>r.m.s</sub>                               |
| MECHANICAL ENDURANCE        | : | 200 MATINGS.                                          |
| DAMP HEAT                   | : | 21 DAYS,                                              |
|                             | : | 2                                                     |
| WIRE SIZE                   | : | 0.6 MM <sup>2</sup> (AWG 20) MAX.                     |

"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

Packaging as per GS-14-920

Housing will withstand exposure to 260°C peak temp for 3.5sec

|            | P | 66.65      | 52.68      | 61.11      | 11.08        | 14.99        | 11.09 | 5.85         | 55.07        | 13.31        | 1.50      | 1.0          |
|------------|---|------------|------------|------------|--------------|--------------|-------|--------------|--------------|--------------|-----------|--------------|
| 50         | 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 | +0,76<br>0 | +0,25<br>0 | ±0,12<br>C | +0,25<br>D 0 | +0,76<br>E 0 | F MAX | +0,15<br>G 0 | +0,51<br>H 0 | +0,51<br>J 0 | ±0,2<br>K | +0,22<br>L 0 |
| DIMENSIONS |   |            |            |            |              |              |       |              |              |              |           |              |

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

|                                                                                   |                                                                                                                                |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>FEMALE SCREW LOCK EXTENDED TYPE</b><br><br>ORD CODE 8630-01-061                | <b>FEMALE SCREW LOCK EXTERNAL THREAD</b><br><br>ORD CODE 8630-01-061                                                           |
| <b>MALE LEVER LOCK</b><br><br>ORD CODE 8630-3427(EABC)<br>ORD CODE 8630-3428(D)   | <b>CONNECTOR WITH SPECIAL RIVETTED FEMALE SCREW LOCK</b><br><br>PREFIX: W<br>ORD CODE 8630-3425(EABC)<br>ORD CODE 8630-3426(D) |
| <b>FEMALE LEVER LOCK</b><br><br>ORD CODE 8630-3425(EABC)<br>ORD CODE 8630-3426(D) |                                                                                                                                |

|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  |                                                                                              |  |
|---------------------------|--|----------------|--|-----------------------|--|-------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------------------|--|----------------------------------------------------------------------------------------------|--|
| mat'l. code<br>SEE NOTE 4 |  |                |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |  | product family<br>D-SUB |  |                                                                                              |  |
| ltr                       |  | ecn no         |  | dr                    |  | date                          |  | tolerances unless otherwise specified                                                               |  |                         |  | title<br>D- SUB SOLDER BUCKET CONNECTOR<br>(WITH ASSEMBLY OPTIONS)                           |  |
| F                         |  | 106-0074       |  | GVJ                   |  | 2006-06-08                    |  | angles                                                                                              |  | linear                  |  | MM<br>  |  |
| G                         |  | 107-0088       |  | RKV                   |  | 2007-07-14                    |  |                                                                                                     |  |                         |  | .00±0.1                                                                                      |  |
| H                         |  | 107-0175       |  | MRA                   |  | 2007-12-17                    |  | 0°±1°                                                                                               |  |                         |  | 000±.00X                                                                                     |  |
|                           |  |                |  |                       |  |                               |  | dr                                                                                                  |  | GEORGE.V.JOSEPH         |  | 1999-03-20                                                                                   |  |
|                           |  |                |  |                       |  |                               |  | enrg                                                                                                |  | GEORGE.V.JOSEPH         |  | 1999-03-20                                                                                   |  |
|                           |  |                |  |                       |  |                               |  | chr                                                                                                 |  | ANISH SALAM             |  | 2007-07-14                                                                                   |  |
|                           |  |                |  |                       |  |                               |  | appd                                                                                                |  | K.V.SIVADAS             |  | 2007-07-14                                                                                   |  |
|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  | FCI<br> |  |
|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  | dwg no<br>C-DSUB-0064                                                                        |  |
|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  | sheet 1 of 1                                                                                 |  |
|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  | size<br>A3                                                                                   |  |
|                           |  |                |  |                       |  |                               |  |                                                                                                     |  |                         |  | type<br>Product Customer Drawing                                                             |  |
| sheet index               |  | revision sheet |  | H                     |  | 1                             |  |                                                                                                     |  |                         |  |                                                                                              |  |