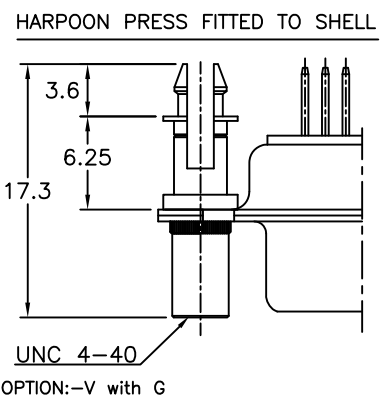
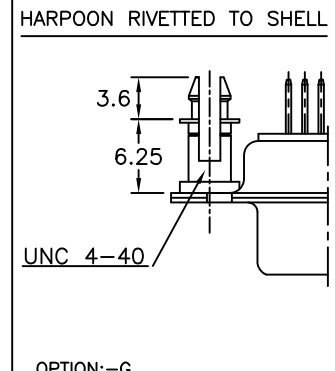
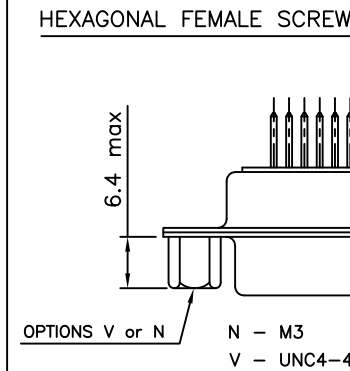
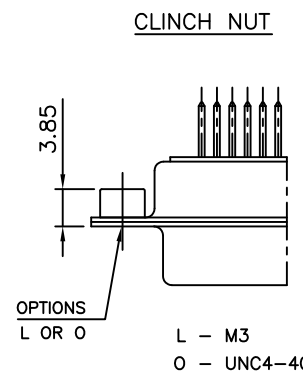
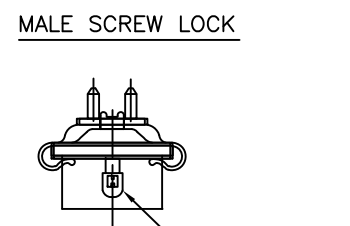
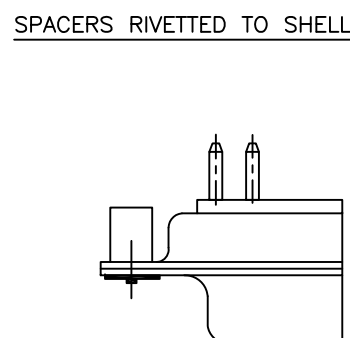
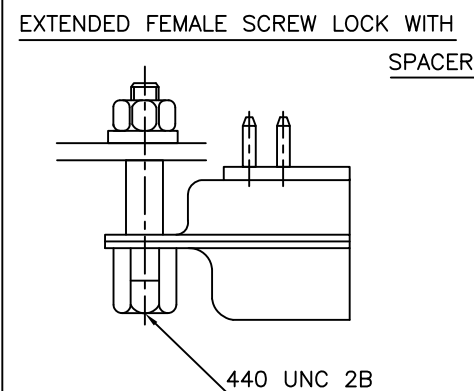
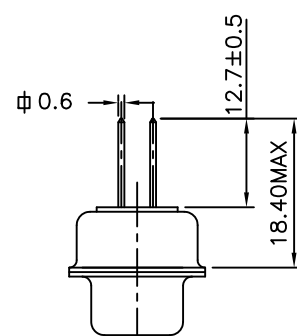
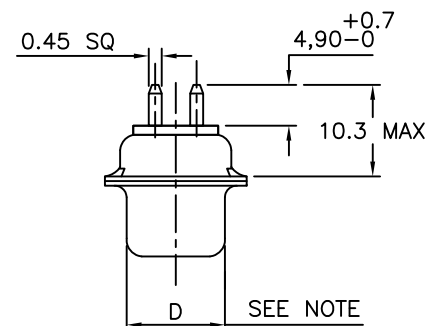
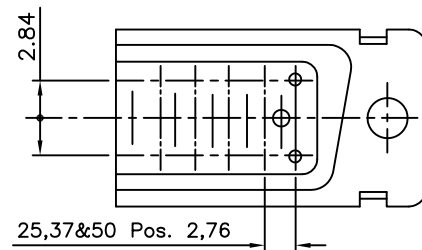


[illegible]

NOTE: INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNETTOR

## TECHNICAL SPECIFICATIONS

|                             |                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHELLS                      | : TIN/ZINC PLATED STEEL                                                                                                                                                                                |
| CONTACTS DIA ON ACTIVE AREA | : $\phi 1$ MM.                                                                                                                                                                                         |
| CONTACTS MATERIAL           | : COPPER ALLOY                                                                                                                                                                                         |
| CONTACT PLATING             | : GXT / GOLD OVER NICKEL (ACTIVE ZONE)<br>TIN OVER NICKEL (TERMINATION ZONE)                                                                                                                           |
| FOR LEAD FREE PLATING       | : $2\mu$ MIN. TIN TOP OVER<br>1.27 $\mu$ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)                                                                                                                   |
| INSULATOR MATERIAL          | : SELF EXTINGUISHING THERMOPLASTIC—<br>TO UL CLASS 94 V0<br>THE HOUSING WILL WITHSTAND EXPOSURE TO 260–265°C<br>IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)<br>OR PROTECTIVE METALLIC DEVICE |
| OPERATING TEMPERATURE       | : –55°C +125°C                                                                                                                                                                                         |
| OPERATING CURRENT           | : 5 A PER CONTACT                                                                                                                                                                                      |
| CONTACT RESISTANCE          | : $\leq 10\text{m } \Omega$                                                                                                                                                                            |
| INSULATION RESISTANCE       | : $> 5000 \text{ M } \Omega$                                                                                                                                                                           |
| MAXIMUM VOLTAGE             | : 1000 V.r.m.s                                                                                                                                                                                         |
| MECHANICAL ENDURANCE        | : 500 MATINGS FOR CODE 64<br>200 MATINGS FOR CODE 65                                                                                                                                                   |
| DAMP HEAT                   | : 56 DAYS FOR $> 0.75\mu$ GOLD PLATING<br>21 DAYS FOR $\leq 0.40\mu$ GOLD PLATING                                                                                                                      |

## ORDERING INFORMATION

|                           |   |   |   |    |   |   |    |   |   |   |     |    |                           |
|---------------------------|---|---|---|----|---|---|----|---|---|---|-----|----|---------------------------|
|                           | D | B | V | 25 | P | 3 | 64 | G | T | X | XXX | LF |                           |
| SERIES                    |   |   |   |    |   |   |    |   |   |   |     |    | LEAD FREE                 |
| SHELL SIZE<br>E,A,B,C,D   |   |   |   |    |   |   |    |   |   |   |     |    | SPECIAL CODES             |
| PANEL MOUNTING OPTIONS    |   |   |   |    |   |   |    |   |   |   |     |    | DIMPLES                   |
| BLANK-STANDARD            |   |   |   |    |   |   |    |   |   |   |     |    | X-ON MALE CONNECTORS ONLY |
| V-FEM. SCREW LOCK (UNC)   |   |   |   |    |   |   |    |   |   |   |     |    | SHELL PLATING             |
| N-FEM. SCREW LOCK M3      |   |   |   |    |   |   |    |   |   |   |     |    | BLANK-ZINC (Cr+3)         |
| S-SPACER RIVETED TO SHELL |   |   |   |    |   |   |    |   |   |   |     |    | T-STD. TIN Over Co.       |
| L-CLINCH NUT (M3)         |   |   |   |    |   |   |    |   |   |   |     |    | PCB MOUNTING OPTIONS      |
| O-CLINCH NUT (UNC)        |   |   |   |    |   |   |    |   |   |   |     |    | BLANK-STANDARD            |
| NO.OF CONTACTS            |   |   |   |    |   |   |    |   |   |   |     |    | G-HARPOON                 |
| 09,15,25,37,50            |   |   |   |    |   |   |    |   |   |   |     |    | CONTACT PLATING           |
| CONTACTS                  |   |   |   |    |   |   |    |   |   |   |     |    | 64 - 200 MATING CYCLES    |
| P - PIN                   |   |   |   |    |   |   |    |   |   |   |     |    | 65 - 500 MATING CYCLES    |
| S - SOCKET                |   |   |   |    |   |   |    |   |   |   |     |    |                           |
| TERMINATION TYPE          |   |   |   |    |   |   |    |   |   |   |     |    |                           |
| 3-STRAIGHT SPILL          |   |   |   |    |   |   |    |   |   |   |     |    |                           |
| 4-WIRE WRAP               |   |   |   |    |   |   |    |   |   |   |     |    |                           |

"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.

Packaging as per GS-14-920

ORD CODE:-  
8630- 05( E.A.B.C.)  
8630-03 D SHELL FEMALE  
8630-15 D SHELL MALE  
8630-04 E,A,B,C SHELL  
WITH METAL HOOD  
FOR 440 UNC 2A THREADED ADD UNC  
TO THE CORRESPONDING ORD. CODE.

[illegible]