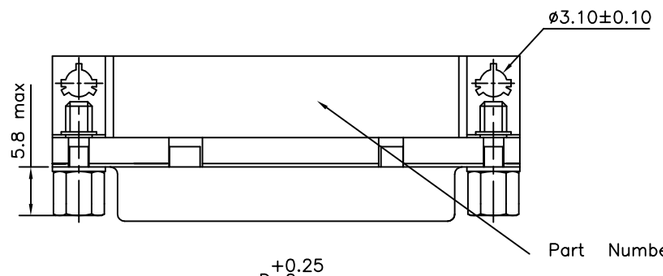
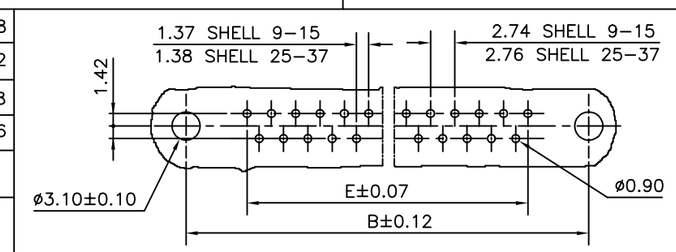
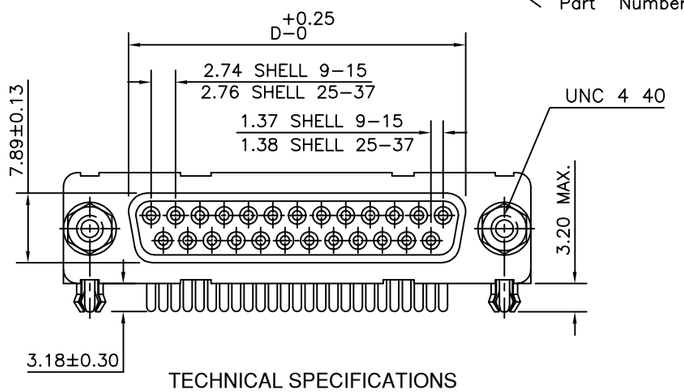
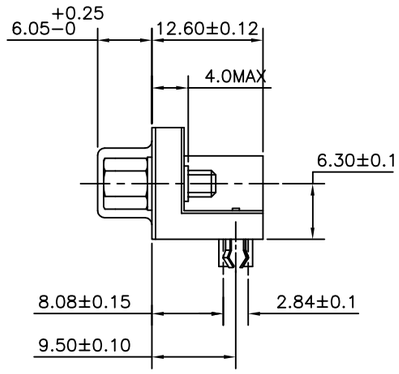
| | | | | | |
|---|---|---|---|---|---|
| 37 | 69.32 | 63.50 | 55.68 | 54.71 | 49.68 |
| 25 | 53.03 | 47.04 | 39.12 | 38.25 | 33.12 |
| 15 | 39.14 | 33.32 | 25.18 | 24.54 | 19.18 |
| 09 | 30.81 | 24.99 | 16.96 | 16.21 | 10.96 |
| SHELL | A | B | C | D | E |

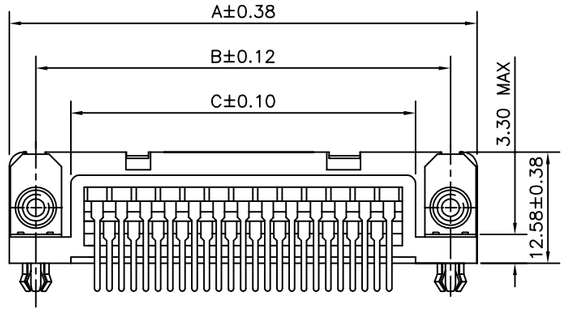



PCB DRILLING DETAILS




## TECHNICAL SPECIFICATIONS

**MATERIAL**

| | | |
|---|---|---|
| SHELL | : | STEEL TIN/Zinc Cr 3 PLATED. |
| INSULATORS | : | SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0<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 |
| CONTACTS | : | COPPER ALLOY |

**PLATING**

| | | |
|---|---|---|
| ACTIVE ZONE | : | GOLD OVER NICKEL |
| TERMINATION ZONE | : | TIN LEAD OVER NICKEL |
| FOR LEAD FREE PLATING | : | 2µ MIN.MATTE TIN TOP OVER<br>1.27µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE) |
| METAL BRACKET | : | BRASS,TIN/Zinc Cr 3 PLATED. |
| HARPOON | : | BRASS,TIN PLATED. |
| CLINCH NUT | : | BRASS,TIN/Zinc Cr 3 PLATED. |
| SCREW LOCK | : | BRASS,TIN/Zinc Cr 3 PLATED. |
| WASHER | : | BRASS,TIN/Zinc Cr 3 PLATED. |

**ELECTRICAL DATA**

| | | |
|---|---|---|
| MAX.CURRENT RATING | : | 5A |
| TEST VOLTAGE | : | 1000V |
| RATED VOLTAGE | : | 300V |
| CONTACT RESISTANCE | : | ≤ 25mΩ |
| SHELL RESISTANCE | : | ≤ 5mΩ |
| INSULATION RESISTANCE | : | ≥ 5000MΩ |

**ENVIRONMENTAL CHARACTERISTICS.**

| | | |
|---|---|---|
| OPERATING TEMPERATURE RANGE | : | -55°C +125°C |

**MECHANICAL CHARACTERISTICS**

| | | |
|---|---|---|
| MATING/UNMATING CYCLES (MIN) | : | 200 (FLASH Au); 500 (0.76µ Au) |
| INSERTION/EXTRACTION FORCE PER CONTACT | : | 5 N Max./ 0.3 N Min. |

## ORDERING INFORMATION

| I | D | 2 | 5 | S | 3 | 3 | E | 4 | G | X | 2 | 8 | L | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

SERIES

NO.OF CONTACTS
09,15,25 & 37

TYPE OF CONTACTS
S-SOCKET

TYPE OF TERMINATION
33-ANGLED SPILL
PITCH 2.84 USA
FOOT PRINT 8.08 USA

HEIGHT OF TERMINATION
E-3.18 US STANDARD

PLATING
4->FLASH Au+Sn/SnPb
6->0.76 µAu+Sn/SnPb

MOUNTING OPTIONS
GX->HARPOON+INSERT UNC 4 40+METAL BRACKET

SPECIAL CODE
28->SC.FOR FEM.SCREW LOCK (UNC 4 40)+SPL.WASHER

LEAD FREE

"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

| | | | | |