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form: A3

**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<br>: COPPER ALLOY |

**CONTACTS****PLATING**

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

**HARPOON  
CLINCH NUT**

: BRASS, TIN PLATED.  
: BRASS, TIN/Zinc Cr 3 PLATED.

**ELECTRICAL DATA**

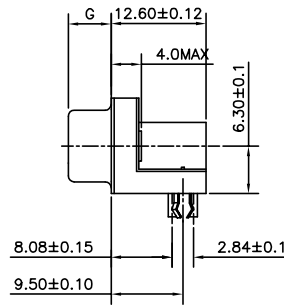
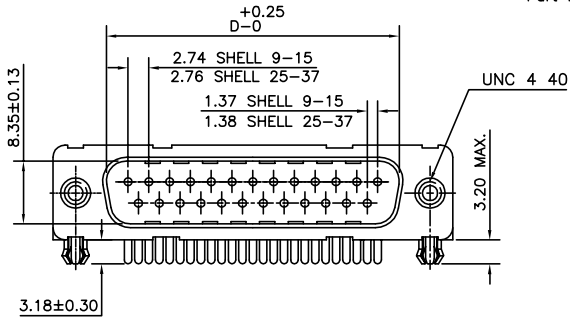
|                       |            |
|-----------------------|------------|
| MAX. CURRENT RATING   | : 5A       |
| TEST VOLTAGE          | : 1000V    |
| RATED VOLTAGE         | : 300V     |
| CONTACT RESISTANCE    | : ≤ 25mΩ   |
| SHELL RESISTANCE      | : < 5mΩ    |
| INSULATION RESISTANCE | :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

**ENVIRONMENTAL CHARACTERISTICS**

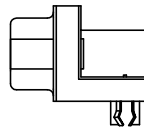
|                             |                |
|-----------------------------|----------------|
| OPERATING TEMPERATURE RANGE | : -55°C +125°C |
|-----------------------------|----------------|

**MECHANICAL CHARACTERISTICS**

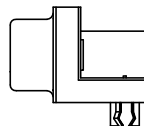
|                                        |                                     |
|----------------------------------------|-------------------------------------|
| MATING/UNMATING CYCLES (MIN)           | : 200 (FLASH Au);<br>500 (0.76µ Au) |
| INSERTION/EXTRACTION FORCE PER CONTACT | : 5 N Max./ 0.3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

**TECHNICAL SPECIFICATIONS**

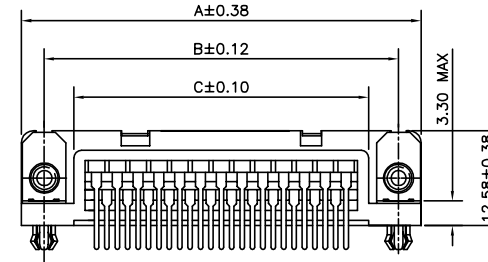
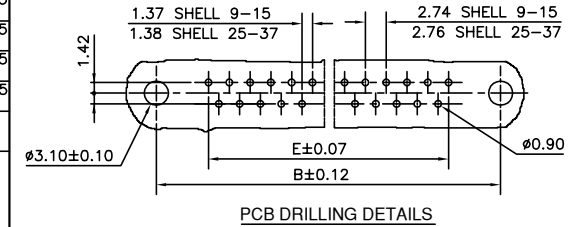
GV VERSION



GX/GL VERSION



|       |       |       |       |       |       |                                     |
|-------|-------|-------|-------|-------|-------|-------------------------------------|
| 37    | 69.32 | 63.50 | 55.68 | 55.30 | 49.68 | 5.70 <sup>+0.25</sup> <sub>-0</sub> |
| 25    | 53.03 | 47.04 | 39.12 | 38.84 | 33.12 | 5.70 <sup>+0.25</sup> <sub>-0</sub> |
| 15    | 39.14 | 33.32 | 25.18 | 25.12 | 19.18 | 5.90 <sup>+0.15</sup> <sub>-0</sub> |
| 09    | 30.81 | 24.99 | 16.96 | 16.79 | 10.96 | 5.90 <sup>+0.15</sup> <sub>-0</sub> |
| SHELL | A     | B     | C     | D     | E     | G                                   |

**ORDERING INFORMATION**

Series: I D 2 5 P 3 3 E 4 G X 0 0 L F

**SERIES****NO. OF CONTACTS**

09, 15, 25 &amp; 37

**TYPE OF CONTACTS**

P-PIN

**TYPE OF TERMINATION**

33-ANGLED SPILL

PITCH 2.84 USA

FOOT PRINT 8.08 USA

**LEAD FREE****SPECIAL CODE**

00-&gt;STANDARD

**MOUNTING OPTIONS**

GX->HARPOON+INSERT UNC 4 40+METAL BRACKET  
GL->HARPOON+INSERTM3+METAL BRACKET  
GV->HARPOON+FEMALE SCREW LOCK UNC 4 40+METAL BRACKET

**PLATING**

4-&gt;FLASH Au+Sn/SnPb

6-&gt;0.76µ Au+Sn/SnPb

**HEIGHT OF TERMINATION**

E-3.18 US STANDARD

"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

|                           |                |     |            |                                       |                               |                |                                                           |            |
|---------------------------|----------------|-----|------------|---------------------------------------|-------------------------------|----------------|-----------------------------------------------------------|------------|
| mat'l. code<br>SEE NOTE 4 |                |     |            | surface<br>ISO 1302                   | tolerance<br>ISO 406 ISO 1101 | projection<br> | product family<br>DELTA-D                                 |            |
| ltr                       | ecn no         | dr  | date       | tolerances unless otherwise specified |                               | MM<br>—        | title<br>DELTA-D A/S MALE CONNECTOR<br>(WITH ACCESSORIES) |            |
| D                         | 106-0074       | GVJ | 2006/06/08 | angles                                | linear                        |                | dwg no<br>C-DD-0027                                       |            |
| E                         | 109-0039       | AS  | 2009/03/16 | 0°±1°                                 | .00±0.1<br>.000±.00X          | scale          | sheet 1 of 1                                              | size<br>A3 |
|                           |                |     |            | dr                                    | GEORGE.V.JOSEPH               | 1998/12/16     | type Product Customer Drawing                             |            |
|                           |                |     |            | enrg                                  | GEORGE.V.JOSEPH               | 1998/12/16     |                                                           |            |
|                           |                |     |            | chr                                   | ANISH.SALAM                   | 2009/03/16     |                                                           |            |
|                           |                |     |            | appd                                  | ANISH.SALAM                   | 2009/03/16     |                                                           |            |
| sheet index               | revision sheet | E   | 1          |                                       |                               |                |                                                           |            |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[ID15P33E4GX00LF](#) [ID25P33E6GX00LF](#) [ID09P33E4GX00LF](#)