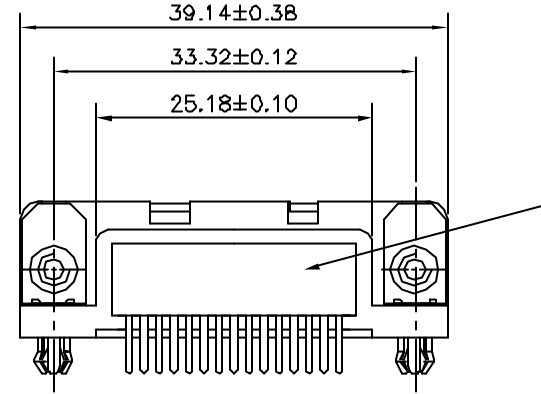
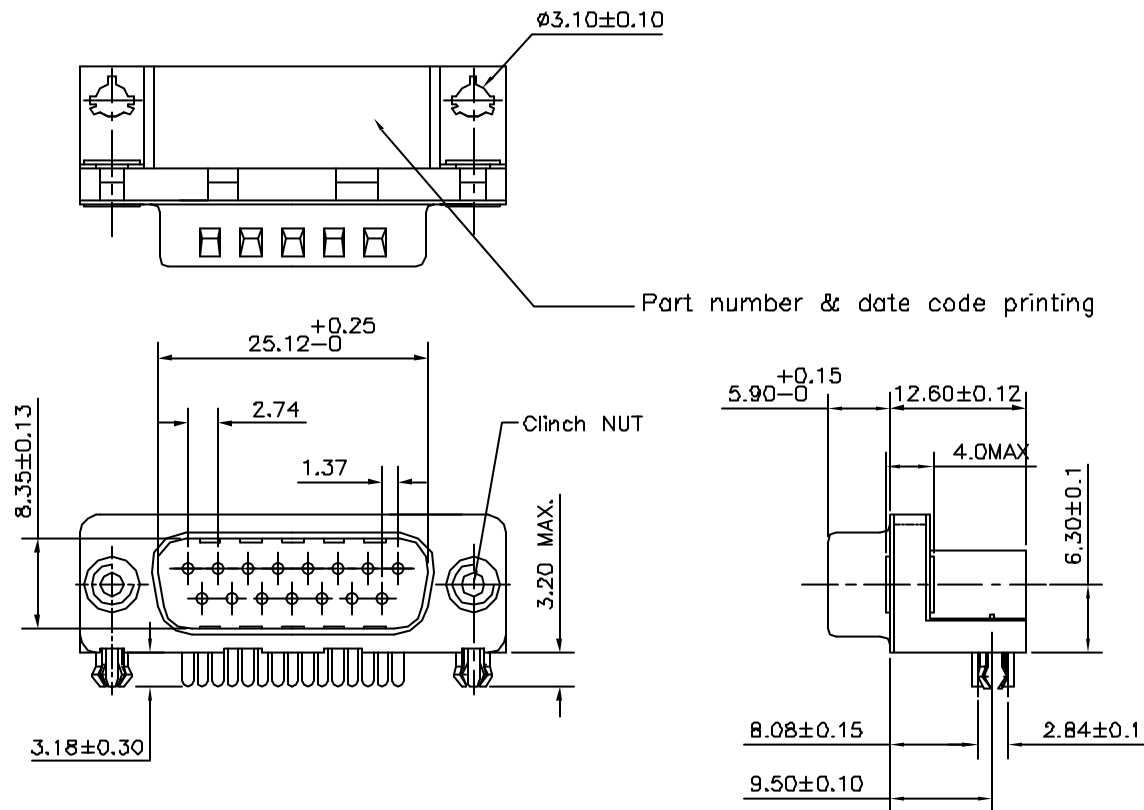
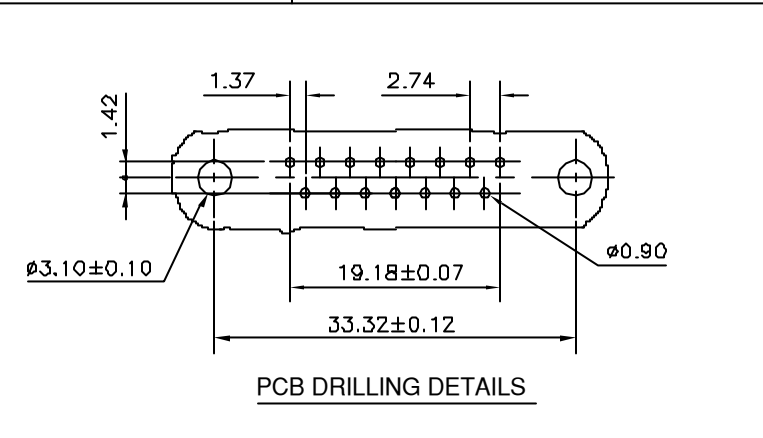


|       |       |       |       |       |       |                                     |
|-------|-------|-------|-------|-------|-------|-------------------------------------|
| 37    | 69.32 | 63.50 | 55.68 | 55.30 | 49.68 | 5.70 <sup>+0.25</sup> <sub>-0</sub> |
| 25    | 53.03 | 47.04 | 39.12 | 38.84 | 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                                   |



**TECHNICAL SPECIFICATIONS**

**MATERIAL**

SHELL : STEEL TIN/ NICKEL PLATED.

INSULATORS : SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0

CONTACTS : COPPER ALLOY

**PLATING**

ACTIVE ZONE : GOLD OVER NICKEL

TERMINATION ZONE : 2 μMIN.MATTE TIN TOP OVER  
1.27 μMIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)

METAL BRACKET : BRASS,TIN/NICKEL PLATED.

HARPOON : BRASS,TIN PLATED.

CLINCH NUT : BRASS,TIN/NICKEL PLATED.

**ELECTRICAL DATA**

MAX.CURRENT RATING : 5A

TEST VOLTAGE : 1000V

RATED VOLTAGE : 300V

CONTACT RESISTANCE : ≤25m Ω

SHELL RESISTANCE : ≤5m Ω

INSULATION RESISTANCE : ≥5000M Ω

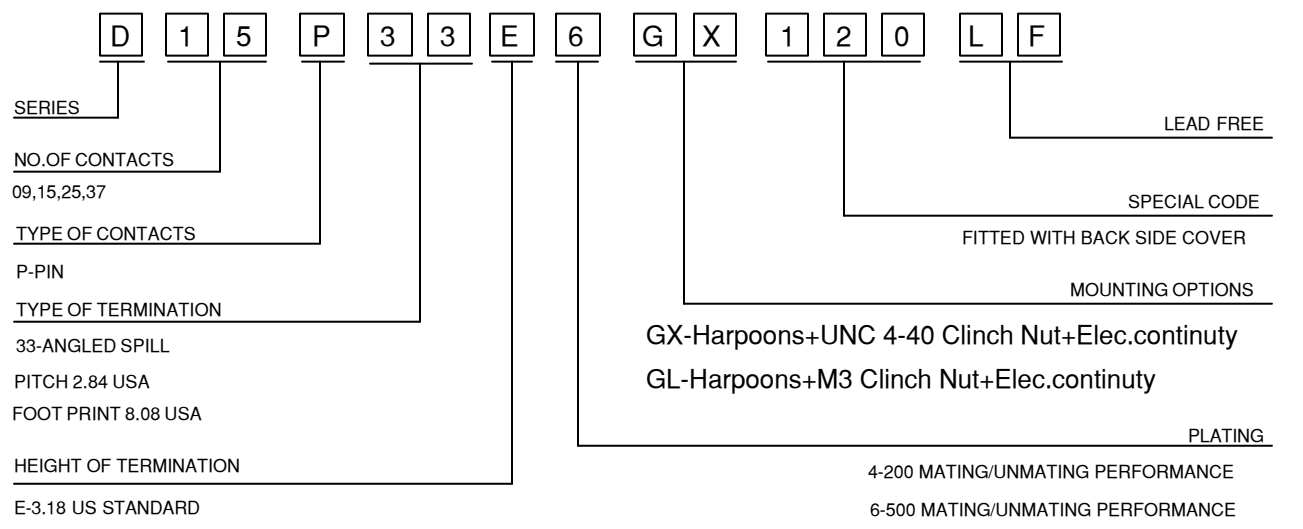
**ENVIRONMENTAL CHARACTERISTICS.**

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

**MECHANICAL CHARACTERISTICS**

INSERTION/EXTRACTION FORCE PER CONTACT : 5 N Max./ 0.3 N Min.

**ORDERING INFORMATION**



"This 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 |                | surface<br>ISO 1302 ✓ |                 | tolerance<br>ISO 408 ISO 1101         |                      | projection<br>MM |  | product family<br>DELTA-D   |  |
| ltr         | ecn no         | dr                    | date            | tolerances unless otherwise specified |                      | MM               |  | title<br>DELTA-D A/S MALE CONNECTOR<br>SPL20 VERSION (WITH BACK SIDE COVER) |  |
| A           | 107-0090       | AS                    | 2007-07-19      | angles                                | linear               | scale            |  | dwg no<br>C-DD-0125   |  |
|             |                |                       |                 | 0°±1°                                 | .00±0.1<br>.000±.00X | —                |  | sheet 1 of 1<br>size<br>A3  |  |
|             |                | dr                    | GEORGE.V.JOSEPH | 2007-05-18                            |                      | FCJ              |  | type<br>Product Customer Drawing  |  |
|             |                | engr                  | ANISH SALAM     | 2007-07-19                            |                      |                  |  |   |  |
|             |                | chr                   | ANISH SALAM     | 2007-07-19                            |                      |                  |  |   |  |
|             |                | appd                  | K_V_SIVADAS     | 2007-07-19                            |                      |                  |  |   |  |
| sheet index | revision sheet | A                     | 1               |                                       |                      |                  |  |   |  |

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