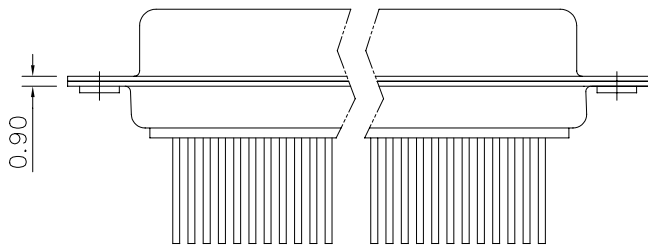
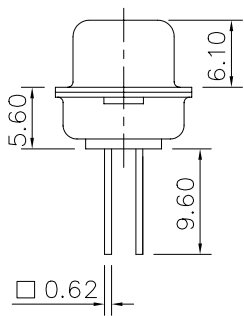
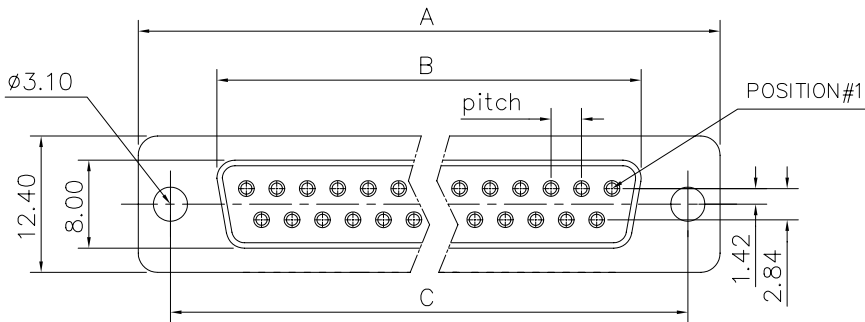


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Customer drawing

| DIM.S<br>SHELL | A     | B     | C     | Pitch |
|----------------|-------|-------|-------|-------|
| 9              | 30.70 | 16.40 | 25.00 | 2.74  |
| 15             | 39.00 | 24.80 | 33.30 | 2.74  |
| 25             | 52.90 | 38.50 | 47.00 | 2.77  |
| 37             | 69.20 | 54.90 | 63.50 | 2.77  |

| REVISIONS |     |             |          |          |
|-----------|-----|-------------|----------|----------|
| SYM       | ECN | DESCRIPTION | DATE     | APPROVED |
| 1         |     |             | 02/02/09 |          |

D-SUB TECHNICAL DATA

SHELL : Steel 2.5um(100u") min tin over 1.25um(50u") min nickel  
BODY : Glass filled thermoplastic.  
Flame retardant to UL94 V-0 Color Black  
CONTACTS : Copper alloy  
0.76um(30u") min gold over 1.25um(50u") min nickel  
ELECTRICAL : Voltage rating :300 V RMS at 50 Hz  
Current rating 7.5A.  
Insulation resistance >5000 M Ohms  
Contact resistance 20 mOhms max.  
CLIMATIC : Temperature range -55 °C up to 85°C  
Damp heat 56 days(40 °C-95% HR)  
MARKING : Amphenol...(Series No.)  
Commercial reference  
Manufacturing date

PRODUCT CODE

L 177DF X XX S F179

L: RoHS Compliance

177DF: tinned shell  
for receptacle

Shell Size: E,A,B,C

Termination:  
Wire wrap:  
F179=length 9.60mm

Contact type:  
S: Socket

Configuration: 09,15,25,37

| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES |        | APPROVAL            | DATE                   | Amphenol                               |                  |
|------------------------------------------|--------|---------------------|------------------------|----------------------------------------|------------------|
| U.S.                                     | METRIC | DRAWN               | Christine.cui 02/02/09 |                                        |                  |
| .X +/-                                   | 0.50   | CHECKED             | lik.wang 02/02/09      |                                        |                  |
| .XX +/-                                  | 0.30   | CHECKED             |                        |                                        |                  |
| .XXX +/-                                 | 0.20   |                     |                        | TITLE                                  |                  |
| FRACTIONS +/-                            | 2'     | DRAWING FILE :      |                        | machined contacts connector, DF series |                  |
| ANGLES +/-                               |        | ANGLE OF PROJECTION |                        | SIZE                                   | DRAWING NO.      |
| FOR MATERIALS AND FINISHES<br>SEE NOTES  |        | REMOVE SHARP EDGES  |                        | A4                                     | C L177DFXXXSF179 |
| DIMENSIONS                               |        | U.S. INCHES         |                        | SCALE                                  | NONE             |
| METRIC MM                                |        | SHEET 1 OF 1        |                        | REV.                                   | 1                |

