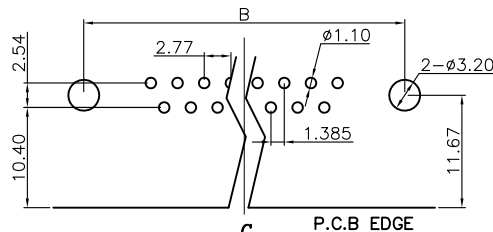
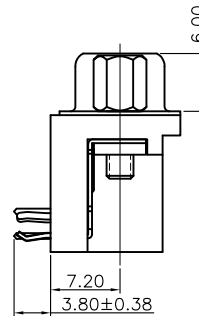
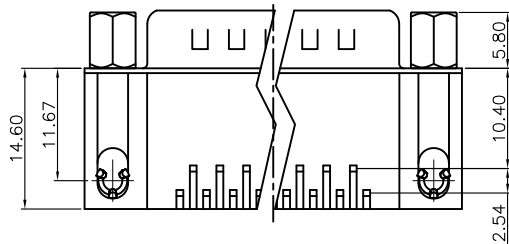
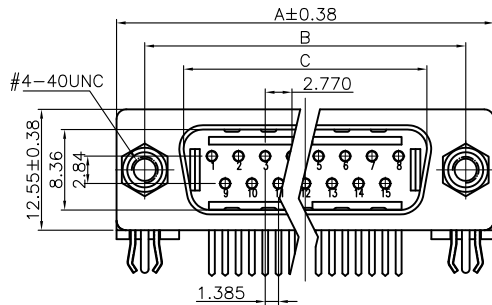


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# Customer Drawing



RECOMMENDED P.C.B LAYOUT

(TOLERANCE +/−0.05)

## Dimensions

| Positions | A     | B     | C     |
|-----------|-------|-------|-------|
| 9         | 30.81 | 24.99 | 16.92 |
| 15        | 39.19 | 33.32 | 25.25 |
| 25        | 53.04 | 47.04 | 38.96 |
| 37        | 69.32 | 63.50 | 55.42 |



| REVISIONS |      |                       |          |          |
|-----------|------|-----------------------|----------|----------|
| SYM       | ECN  | DESCRIPTION           | DATE     | APPROVED |
| 1         | HK-- | First Release Drawing | 10/28/08 | IP       |
| 2         | HK-- | Update the Drawing    | 08/28/13 | IP       |

## D-SUB TECHNICAL DATA

SHELL : SPCC, 80u" min nickel over 50u" min Copper  
BODY : PBT, UL 94V-0, Color:Black.  
CONTACTS : Copper alloy  
30u" Gold over 50u" nickel on mating area  
100u" tin over 50u" nickel on solder area  
BOARDLOCK: Copper Alloy, Tin Plated.  
RIVET: Copper Alloy, Nickel Plated.  
SCREW: Copper Alloy, Nickel Plated.  
ELECTRICAL : Voltage rating 250 VAC (RMS)  
Current Rating :3 AMP  
Withstanding Voltage >1000 VAC(RMS)  
Insulation resistance >1000 M Ohms  
Contact resistance 25 mOhms max  
MARKING : Amphenol...(Series No.)  
Commercial reference  
Manufacturing date

## PRODUCT CODE

L 717 SD X XX P 1A CH 4F C309

RoHS Compliant

Series:  
Standard density

Shell size:  
E, A, B, C

Configuration:  
09, 15, 25, 37

C309:  
valid for 0.76um(30u")

Mounting options:  
4F=Front screwlock 4-40

PCB locking type:  
Grounding tabs+Boardlocks

Footprint Option:  
1A=European

Contact type:  
P=Pin

| UNLESS OTHERWISE SPECIFIED TOLERANCES |        | APPROVAL            | DATE     |
|---------------------------------------|--------|---------------------|----------|
| U.S.                                  | METRIC | DRAWN               | DATE     |
| .X +/-                                | 0.50   | Pete Liu            | 08/28/13 |
| .XX +/-                               | 0.30   | CHECKED Tony Tang   | 08/28/13 |
| .XXX +/-                              | 0.20   | CHECKED             |          |
| FRACTIONS +/-                         | 5°     |                     |          |
| ANGLES +/-                            |        |                     |          |
| FOR MATERIALS AND FINISHES SEE NOTES  |        | DRAWING FILE :      |          |
| REMOVE SHARP EDGES                    |        | ANGLE OF PROJECTION |          |
| DIMENSIONS                            |        | U.S. INCHES         |          |
| U.S. INCHES                           |        | METRIC MM           |          |

Amphenol

Amphenol East Asia Limited

TITLE  
D-SUB connector,R/A,SD series

| SIZE  | DRAWING NO.            | REV.         |
|-------|------------------------|--------------|
| A4    | C L717SDXXXP1ACH4FC309 | 2            |
| SCALE | NONE                   | SHEET 1 OF 1 |