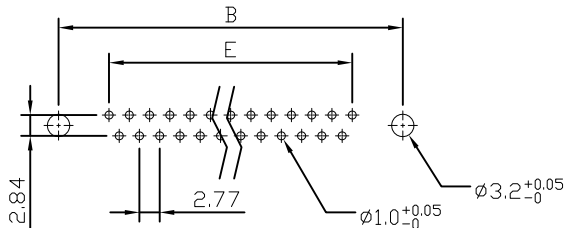
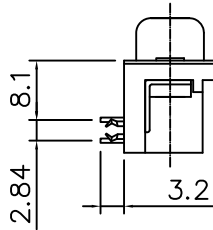
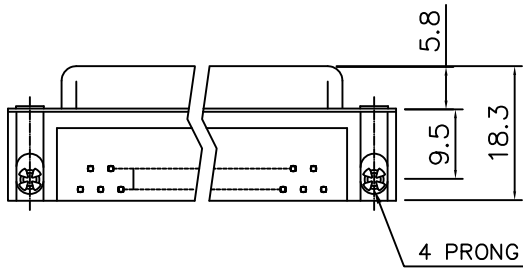
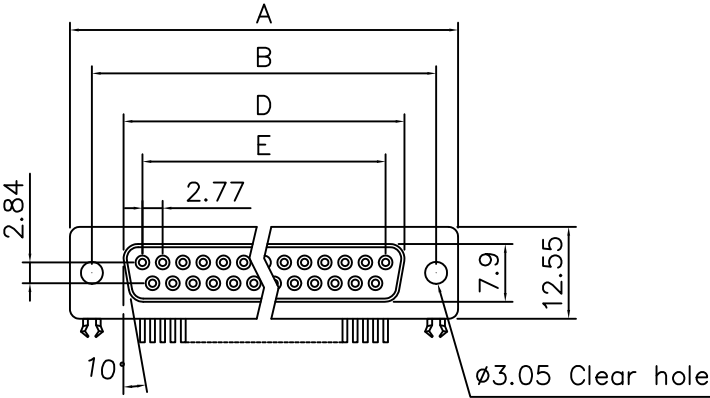


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

Customer Drawing



RECOMMENDED P.C.B. LAYOUT

TOLERANCE: ±0.05MM



Dimensions

Positions	A	B	D	E
9	30.81	24.99	16.33	11.08
15	39.20	33.30	24.70	19.39
25	53.05	47.04	38.40	33.24
37	69.40	63.50	54.80	49.86

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	12/15/16	IP

D-SUB TECHNICAL DATA

SHELL : Steel, 100u" Tin Over 50u" min nickel over 50u" min Copper
BODY : Glass-Filled Thermoplastic PBT, UL94V-0, Color Black
CONTACTS : Copper Alloy
Gold flash over 50u" min nickel on mating area.
100u" min tin over 50u" min nickel on solder area.
BOARDLOCK: Brass, Tin plated.
RIVET: Copper alloy, Nickel plated.
ELECTRICAL : Voltage rating 250 V Rms Max.
Current rating 3A.
Withstanding Voltage >1000 V Rms
Insulation resistance >1000 M Ohms
Contact resistance 20 mOhms max.
MARKING : Amphenol...(Series No.)
Commercial reference
Manufacturing date

PRODUCT CODE

L 77 SD X XX S A4 CH

RoHS Compliant

77: tinned shell
for receptacle

Shell size: E, A, B, C

Configuration:
9, 15, 25, 37

PCB locking type:
grounding tabs+
board locks

Footprint
A4 = 8.10mm

Contact type
S = socket

UNLESS OTHERWISE SPECIFIED TOLERANCES	
U.S.	METRIC
.X +/-	0.50
.XX +/-	0.30
.XXX +/-	0.20
FRACTIONS +/-	5°
ANGLES +/-	
FOR MATERIALS AND FINISHES SEE NOTES	
REMOVE SHARP EDGES	
DIMENSIONS	
U.S.	INCHES
METRIC	MM

APPROVAL		DATE
DRAWN	Pelte Liu	12/16/16
CHECKED	Tony Tang	12/16/16
DRAWING FILE :		
ANGLE OF PROJECTION		

Amphenol

TITLE
D-SUB connector, SD Series

SIZE	DRAWING NO.	REV.
A4	L77SDXXXSA4CH	1
SCALE	SHEET 1 OF 1	
NONE		