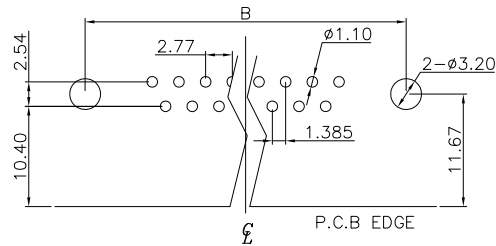
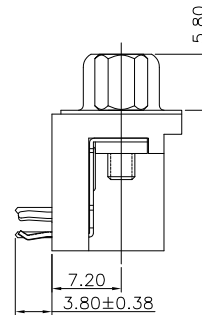
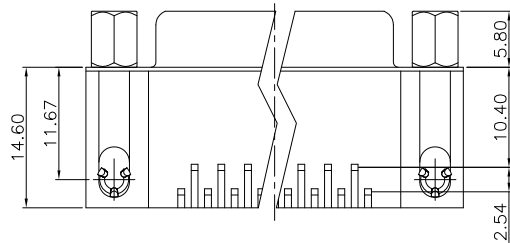
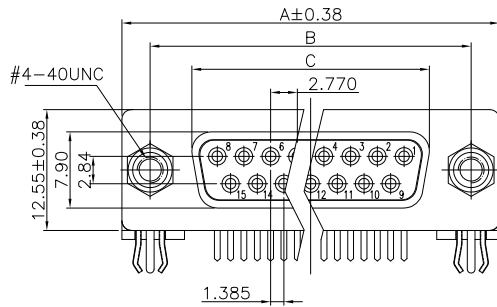


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose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

Customer drawing



RECOMMENDED P.C.B LAYOUT
(TOLERANCE ± 0.05)

Dimensions

Positions	A	B	C
9	30.81	24.99	16.33
15	39.19	33.32	24.66
25	53.04	47.04	38.38
37	69.32	63.50	54.84



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	8/01/08	IP
2	HK--	Change dim. 30.89 to 30.81mm	8/28/13	IP

D-SUB TECHNICAL DATA

SHELL : SPCC, 80u" min nickel over 50u" min Copper
BODY : PBT, UL 94V-0, Color:Black.
CONTACTS : Copper alloy
15u" 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 177 SD X XX S 1A CH 4F

RoHS Compliant

Series:
Standard density

Shell size:
E, A, B, C

Configuration:
09, 15, 25, 37

Mounting options:
4F=Front screwlock 4-40

PCB locking type:
Grounding tabs+Boardlocks

Footprint Option:
1A=European

Contact type:
S=socket

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	Feifei Liu 8/28/13
.X +/-	0.50	CHECKED	Tony Tang 8/28/13
.XX +/-	0.30	CHECKED	
.XXX +/-	0.20		
FRACTIONS +/-	5°		
ANGLES +/-			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		

Amphenol

Amphenol East Asia Limited

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

SIZE	DRAWING NO.	REV.
A4	C L177SDXXXXS1ACH4F	2
SCALE	NONE	SHEET 1 OF 1