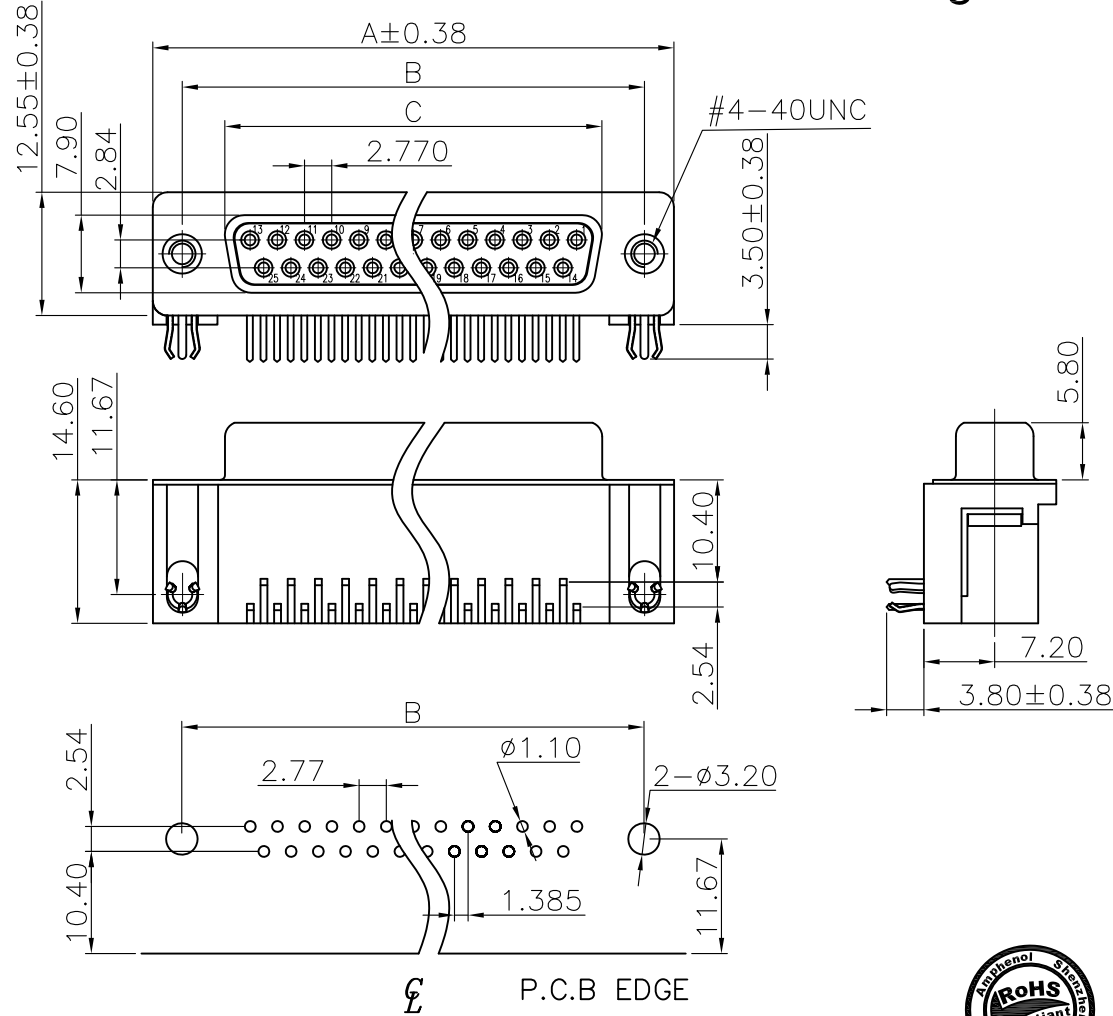


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# Customer Drawing



RECOMMENDED P.C.B LAYOUT  
TOLERANCE±0.05



## Dimensions

Positions	A	B	C
09	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	08/01/09	IP
2	HK--	Update the Drawing	11/14/11	IP
3	HK--	Update the Drawing	04/18/13	IP

## D-SUB TECHNICAL DATA

SHELL : SPCC, 50u" min nickel over 50u" copper  
 BODY : PBT UL 94V-0 Color:Black  
 CONTACTS : Copper Alloy  
 15u" min gold over 50u" min nickel on mating area.  
 100u" min tin over 50u" min nickel on solder area.  
 BOARDLOCK: Copper Alloy, Tin plated  
 REAR NUT : Copper Alloy, nickel plated  
 ELECTRICAL : Voltage rating 250 VAC(Rms) Max  
 Current rating 3A.  
 Withstanding Voltage >1000 VAC Rms for one minute  
 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 4R

RoHS Compliant

177:Tinned shell for receptable

Series:  
Standard density

Shell size:  
E, A, B, C

Configuration:  
09, 15, 25, 37

Mounting options:  
4R=rear insert 4-40

PCB locking type:  
Grounding tabs  
+ board locks

Footprint Option:  
1A=European

Contact type:  
S=socket

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S.	METRIC	DRAWN	FILED	
.X +/-	0.50			04/18/13
.XX +/-	0.30	CHECKED Tony Tang		04/18/13
.XXX +/-	0.20	CHECKED		
FRACTIONS +/-				
ANGLES +/-	5°			
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  
Stamped and formed contact,SD Series

SIZE	DRAWING NO.	REV.
A4	C L177SDXXXS1ACH4R	3
SCALE	NONE	SHEET 1 OF 1