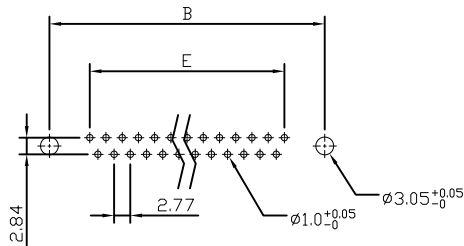
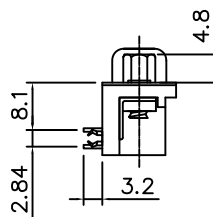
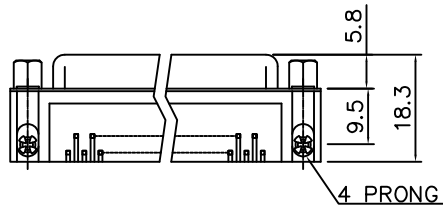
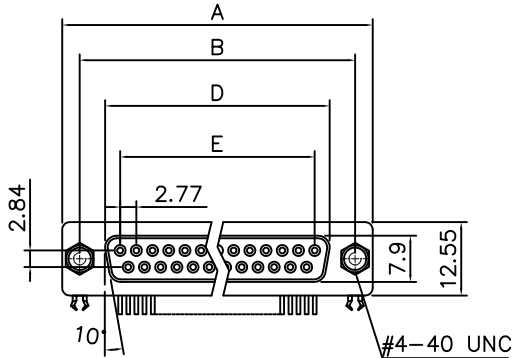


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Customer Drawing



RECOMMENDED P.C.B. LAYOUT

TOLERANCE: $\pm 0.05\text{MM}$



Dimensions

Positions	A	B	D	E
09	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	01/07/08	IP
2	HK--	Update the Drawing	02/02/16	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.
SCREWLOCK: Brass, 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 4F 48

RoHS Compliant	48 = Screwlock height 4.8mm
77: tinned shell for receptable	Mounting options: 4F = front screwlock 4-40
Shell size: E, A, B, C	PCB locking type: grounding tabs+ board locks
Configuration: 09, 15, 25, 37	Footprint: A4 = 8.10mm
Contact type S = socket	

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S.	METRIC	DRAWN	Pinan Liu	02/02/16
.X +/-	0.50	CHECKED	Tony Tang	02/02/16
.XX +/-	0.30	CHECKED		
.XXX +/-	0.20			
FRACTIONS +/-				
ANGLES +/-	5°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
METRIC	MM			

Amphenol

TITLE
Stamped and formed contact, SD Series

SIZE	DRAWING NO.	REV.
A4	L77SDXXXSA4CH4F48	2
SCALE	NONE	SHEET 1 OF 1