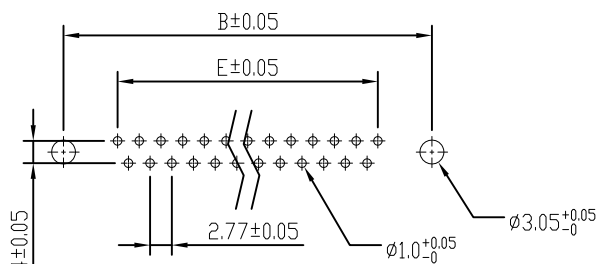
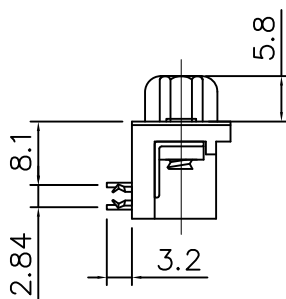
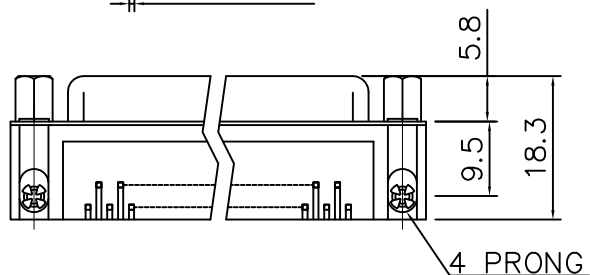
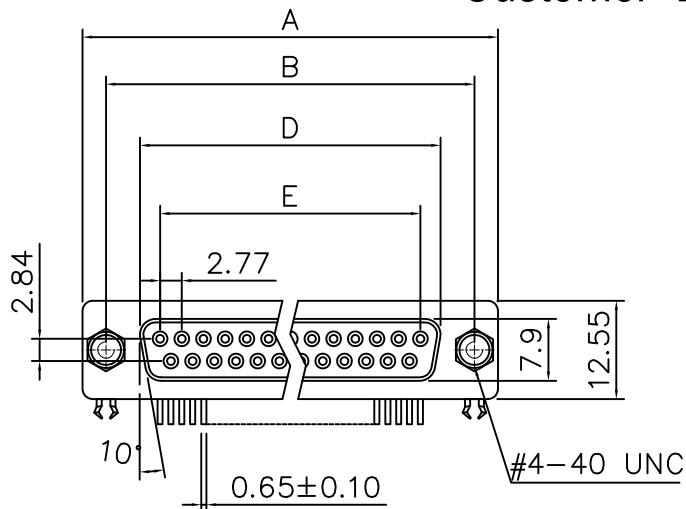


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Customer Drawing



Recommended PCB layout

Tolerance: $\pm 0.05\text{mm}$

Dimensions

Shell size	Positions	A	B	D	E
E	09	30.81	24.99	16.33	11.08
A	15	39.20	33.30	24.70	19.39
B	25	53.05	47.04	38.40	33.24
C	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	08/01/14	IP
3	HK--	Adding solder pin dimension	04/24/18	IP

D-SUB TECHNICAL DATA

SHELL : Steel, 100u" min tin over 50u" min nickel over 50u" copper
BODY : PBT, UL 94V-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
CLINCH NUT : Brass, Nickel plated
SCREWLOCK: Brass, Nickel plated
BOARDLOCK: Brass, Tin 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 XXX S A4 CH 4F

L: RoHS Compliant

77: Tinned shell for receptacle

SD: Standard density

Configuration: E09, A15, B25, C37

Contact type: S= Socket

mounting options:
4F= front screwlock 4-40

PCB locking type:
Grounding tabs + boardlocks

Footprint:
A4= MIL(8.1mm)

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	Patric Liu 04/24/18
.X +/-	0.50	CHECKED	Tony Tang 04/24/18
.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

D-SUB connector, SD Series

SIZE	DRAWING NO.	REV.
A4	L77SDXXXSA4CH4F	3
SCALE	NONE	SHEET 1 OF 1