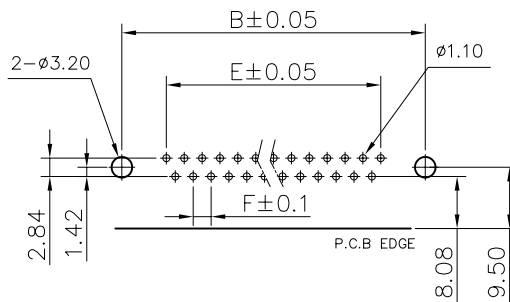
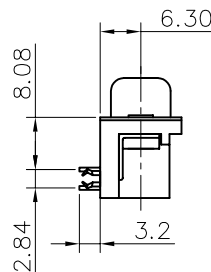
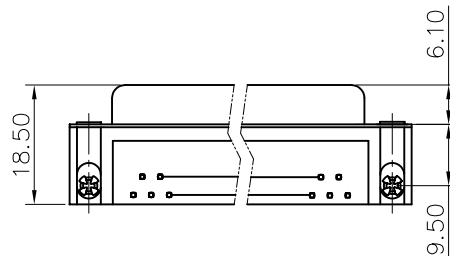
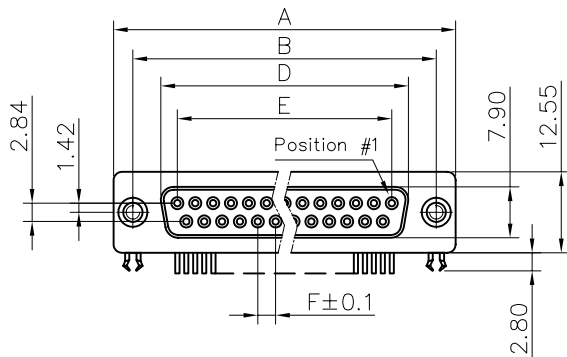


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Customer drawing



RECOMMENDED P.C.B. LAYOUT
(TOLERANCE +/-0.03)

Positions	Dimensions				
	A	B	D	E	F
9	30.81	24.99	16.24	10.96	2.74
15	39.14	33.32	24.56	19.18	2.74
25	53.04	47.04	38.38	33.24	2.77
37	69.32	63.50	54.76	49.86	2.77



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A			03/14/08	

D-SUB TECHNICAL DATA

SHELL : Steel, 2.5um(100u") min. tin over 1.25um(50u") min. nickel
BODY : Glass filled thermoplastic.
CONTACTS : Phosphor bronze
0.76um(30u") min. gold over 1.25um(50u") min. nickel in mating area,
2.5um(100u") min. tin over 1.25um(50u") min. nickel on termination area
REAR INSERT : Brass, (100u") min. tin over 50u" min. nickel
BOARDLOCK : Brass, (100u") min. tin over 50u" min. nickel
SCREWLOCK : Brass, (100u") min. tin over 50u" min. nickel
ELECTRICAL : Voltage rating: 250 V RMS at 50 Hz
Current rating: 5A per contact
Withstanding Voltage >1000 V RMS at 50 Hz for one minute
Insulation resistance >5000 M Ohms
Contact resistance 20 mOhms max.
CLIMATIC : Temperature range -55 °C up to 155°C
MARKING : Amphenol-...(Series No.)
Manufacturing date
Commercial reference

PRODUCT CODE

L 77SD X XX S A4 CH 4R C309

L: RoHS Compliance

717SD: tinned shell +
dimples for plug

Shell Size: E,A,B,C

Configuration: 9,15,25,37

Contact type:
S:Female

C309: gold plating 30u"

mounting options:
4R=rear insert 4-40

PCB locking type:
grounding tabs+boardlocks

termination:
1A(European)
A4(MIL)

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN Sunny Li	03/14/08
.X +/-	0.50	CHECKED tk.wang	03/14/08
.XX +/-	0.30	CHECKED	
.XXX +/-	0.20		
FRACTIONS +/-			
ANGLES +/-	2°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		

Amphenol

TITLE
D-SUB contacts , SD series

SIZE	DRAWING NO.	REV.
A4	C L77SDXXXSA4CH4RC309	A
SCALE	NONE	SHEET 1 OF 1