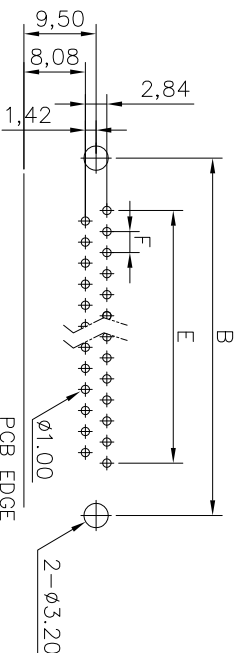
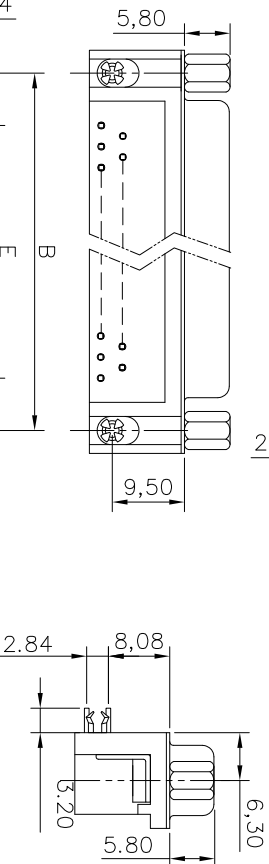
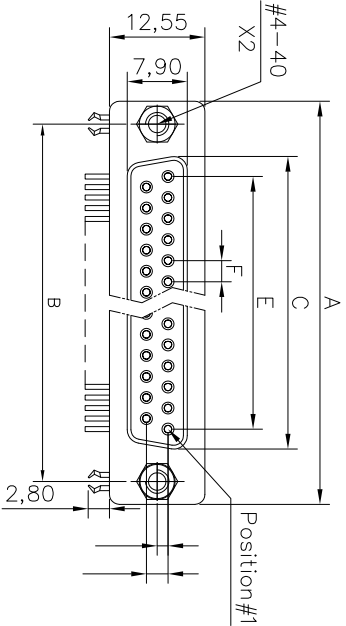


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RECOMMENDED P.C.B LAYOUT
(TOLERANCE +/-0.03)



Customer drawing

Nb of contacts	Dimensions				
	A	B	C	E	F
9	30.81	24.99	16.24	10.96	2.77
15	39.14	33.32	24.56	19.18	2.77
25	53.04	47.04	38.38	33.24	2.77
37	69.32	63.50	54.76	49.86	2.77

REVISONS			
SNV	ECN	DESCRIPTION	DATE
1			05/19/08

D-SUB TECHNICAL DATA

- SHELL : Steel 2.5um(100u") min. tin over 1.25um(50u") min. nickel
BODY : Glass filled thermoplastic.
Flame retardant to UL94 V-0 Color Black
- CONTACTS : Brass
0.4um(15u") gold over 1.25um(50u") min. nickel in mating area,
2.54um(100u") min. tin over 1.25um(50u") min. nickel on termination area
- SCREWLOCK : Brass,50u" min. nickel
BOARDLOCK : Brass,100u" min. tin over 50u" min. nickel
ELECTRICAL : Voltage rating: 250 V RMS at 50 Hz
Current rating: 3A 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 125°C
MARKING : Amphenol---(Series No.)
Manufacturing date
Commercial reference

PRODUCT CODE

L 177SD X XX S A4 CH 4F

- L: RoHS Compliance
- 177SD: tinned shell for receptacle
- Shell Size: E,A,B,C
- Configuration: 9,15,25,37
- Mounting options:
4F=Front screwlock 4-40
- PCB locking type:
grounding tabs+boardlocks
- Termination:
1A(European)
A4(MIL)
- Contact type:
S: Socket

UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE	
TOLERANCES	U.S.	METRIC	DRAWN	Checked	DATE
XX +/-	0.50	0.50	05/19/08	05/19/08	
XX +/-	0.30	0.30			
XX +/-	0.20	0.20			
ANGLES +/-	2°				
FOR MATERIALS AND FINISHES					
REMOVE SHARP EDGES					
DIMENSIONS					
TYPICAL					
ANGLE OF PROJECTION					
SIZE					
A4					
SCALE					
NONE					
SHEET 1 OF 1					