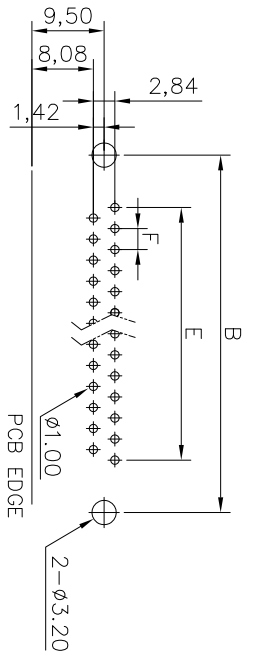
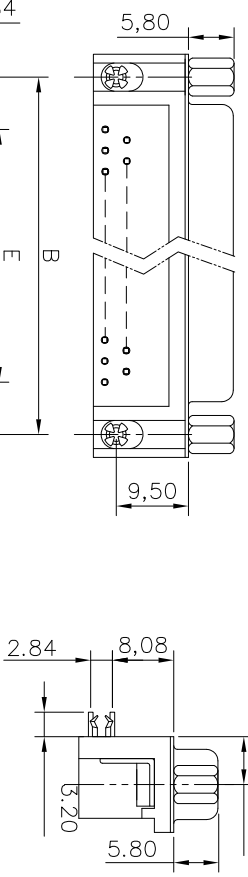
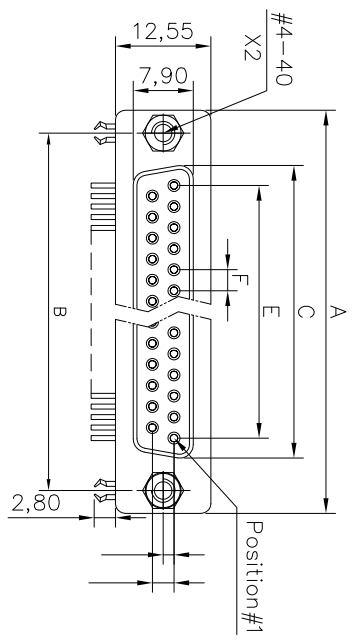


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RECOMMENDED P.C.B LAYOUT
<TOLERANCE +/-0.03>



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		DATE	APPROVED
1	SMI EON	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

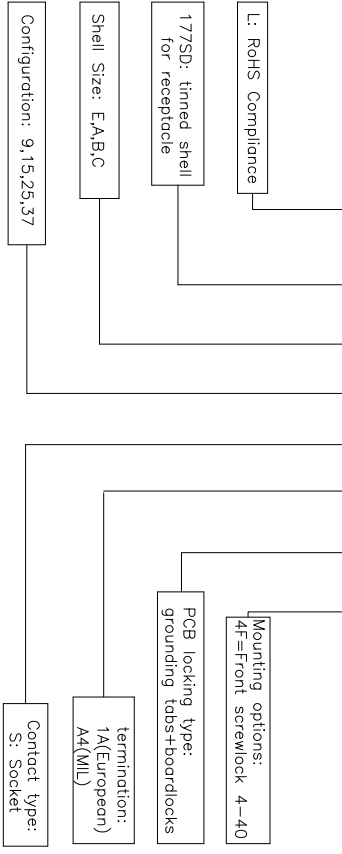
CONTACTS : Brass
 0.4um(15u") gold over 1.25um(50u") min. nickel in mating area,
 2.54um(100u") min. tin over 1.25um(50u") min. nickel on termination area

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



UNLESS OTHERWISE SPECIFIED		APPROVAL		TITLE
TOLERANCES	AS SHOWN	DATE		
0.30	0.30	05/19/08		Amphenol
0.20	0.20	05/19/08		
DIMENSIONS SPECIFIED TOLERANCES 0.30 0.20 FINISHES XX FINISHES S ANGLES +/- 2°		DRAWN: SMI/ML CHECKED: ML/ML DATE: 05/19/08		
REMOVE SHARP EDGES DIMENSIONS FINISHES TOLERANCES AS SHOWN		ANGLE OF PROJECTION 		
SIZE: A4 SCALE: NONE		D-SUB contacts, SD series		REV. 1