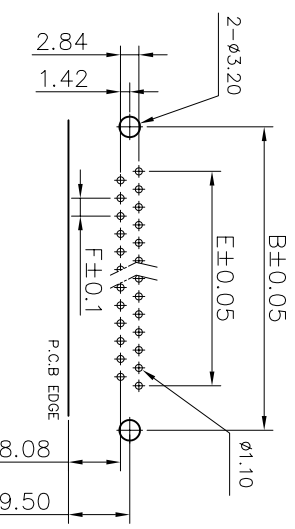
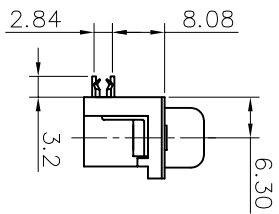
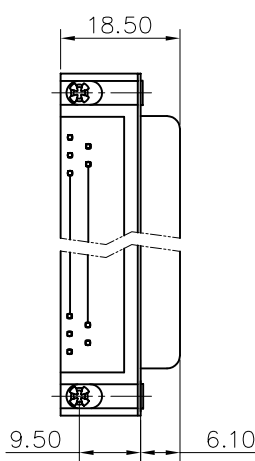
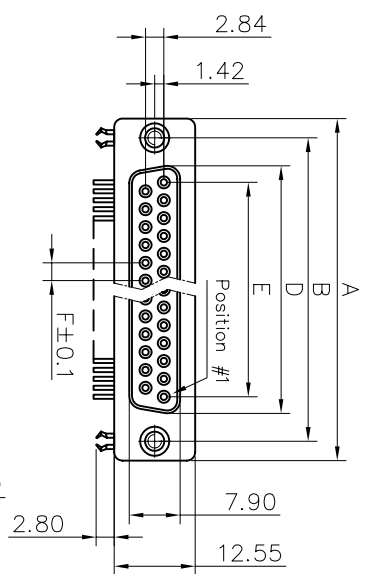


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Customer drawing



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	

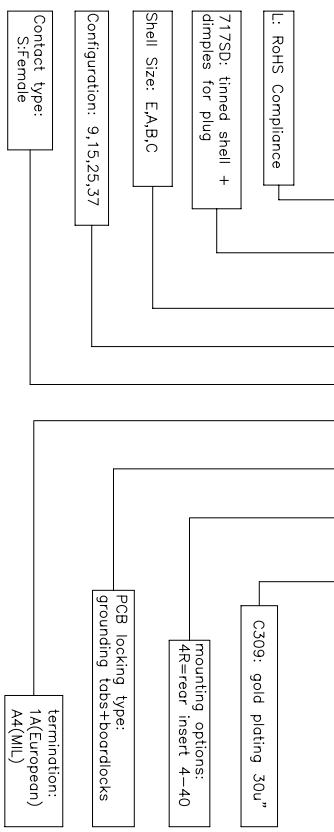
REVISIONS			
S/N	EDN	DESCRIPTION	DATE
A			03/14/08

D-SUB TECHNICAL DATA

SHELL : Steel, 2.5um(100u") min. tin over 1.25um(50u") min. nickel
BODY : Glass filled thermoplastic.
 Flame retardant to UL94 V-0 Color Black
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.
CUMMATIC : 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



DIMENSIONAL SPECIFICATIONS		APPROVAL		DATE	
TOLERANCES	U.S.	DRAWN	Checked	DATE	DATE
	METRIC	Sumit	Sumit	09/14/08	09/14/08
X	±0.50	CHECKED	CHECKED	09/14/08	09/14/08
XX	±0.30				
XXX	±0.20				
FINISHES	±0.20				
ANGLES	2°				

FOR MATERIALS AND FINISHES		DRAWING FILE :	
REMOVE SHARP EDGES	REMOVE SHARP EDGES	ANGLE OF PROJECTION	ANGLE OF PROJECTION
THIRD ANGLE	THIRD ANGLE	AS SHOWN	AS SHOWN

TITLE		SIZE		DRAWING NO.	
D-SUB contacts , SD series		A4		C L77SDXXXS A4CH4RC309	
SCALE	NONE	SHEET	1	OF	1

Amphenol