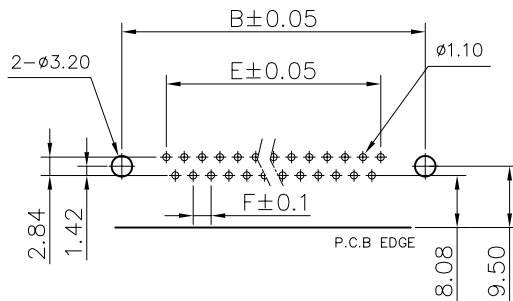
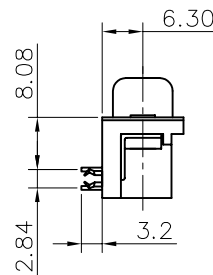
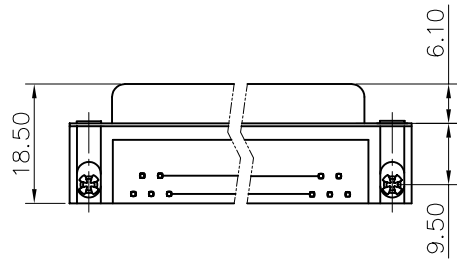
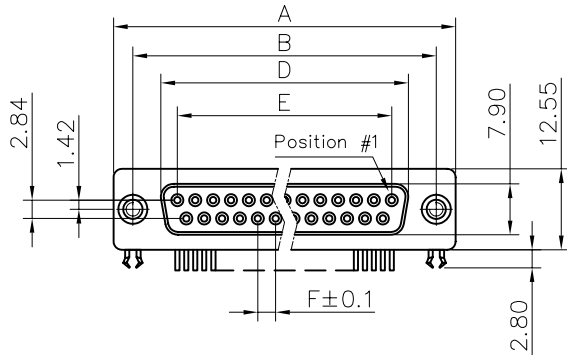


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Customer drawing



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



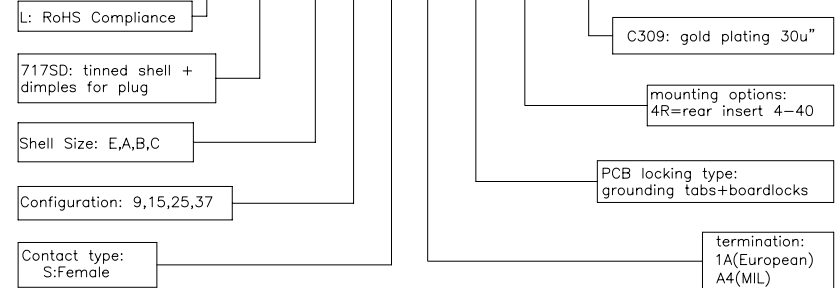
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A			03/14/08	

D-SUB TECHNICAL DATA

SHELL : Steel, 2.5um(100u") min. tin over 1.25um(50u") min. nickel
 BODY : Glass filled thermoplastic.
 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.
 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



UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL		DATE
	U.S.	METRIC	
.X +/-	0.50	DRAWN Sunny Li	03/14/08
.XX +/-	0.30	CHECKED tk.wang	03/14/08
.XXX +/-	0.20	CHECKED	
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 L77SDXXXXSA4CH4RC309	A
SCALE	NONE	SHEET 1 OF 1