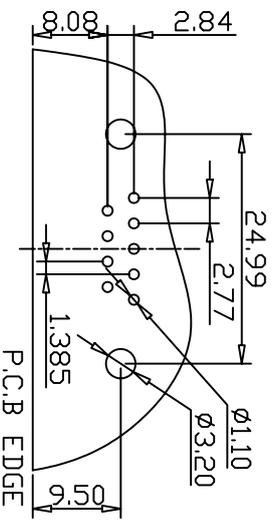
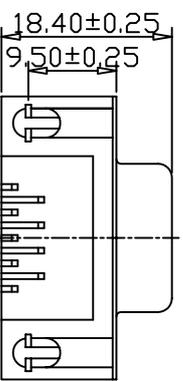
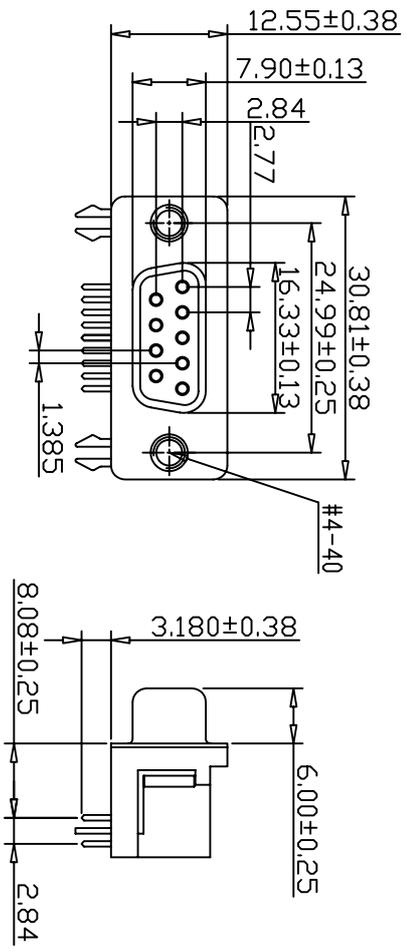


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RECOMMENDED P.C.B LAYOUT
recommended tolerance +/-0.03



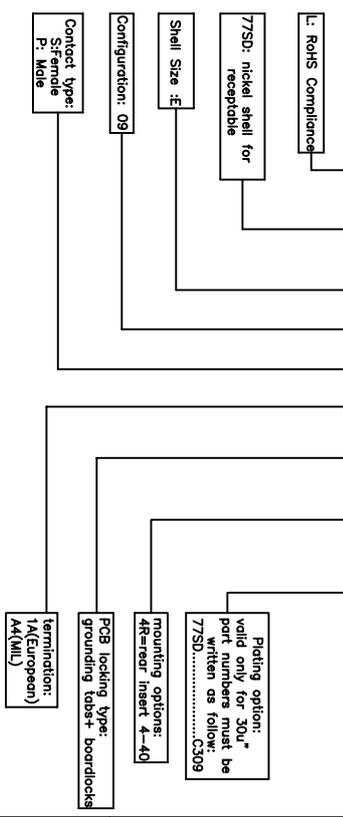
REVOLUTIONS		DATE	APPROVED
SM	EDN	DESCRIPTION	
B		04/01/07	

D-SUB TECHNICAL DATA

SHELL : Steel 50u" min nickel
 BODY : Glass filled thermoplastic.
 Flame retardant to UL94 V-0 Color Black
 CONTACTS : Phosphor bronze
 30u" min gold over 50u" min nickel on mating area.
 100u" min sn over 50u" min nickel on solder area.
 BOARDLOCK: Copper alloy, 50u" min nickel
 REAR INSERT : Brass, 100u" min tin over 50u" min nickel
 ELECTRICAL : Voltage rating : 600 V Rms to 50 Hz
 Current rating :5A
 Withstanding Voltage >1000 V Rms to 50 Hz for one minute
 Insulation resistance >5000 M Ohms
 Contact resistance 10 mOhms max.
 CLIMATIC : Temperature range -55 °C up to 105°C
 MECHANICAL : Insertion force per contact<3.41N Max
 Extraction force per contact 0.21N Min.
 MARKING : Amphenol-...(Series No.)
 Commercial reference
 Manufacturing date

PRODUCT CODE

L77SDE09SA4CH4RC309



Amphenol

DIMENSIONS SPECIFIED		APPROVAL	DATE
TOLERANCES	U.S. METRIC	DRAWN	Eden-Jung02/01/07
X +/-	0.50	CHECKED	14k-weng 02/01/07
XX +/-	0.30		
XXX +/-	0.20		
ANGLES +/-	2°		
FOR MATERIALS AND FINISHES			
REMOVE SHARP EDGES			
DIMENSIONS		ANGLE OF PROJECTION	
THS	THS		
MM	MM		
DRAWING FILE :			
Stamped and Formed contacts, SD series			
SIZE	DRAWING NO.	REV.	
A4	C L77SDE09SA4CH4RC309	B	
SCALE	NONE	SHEET	1 OF 1