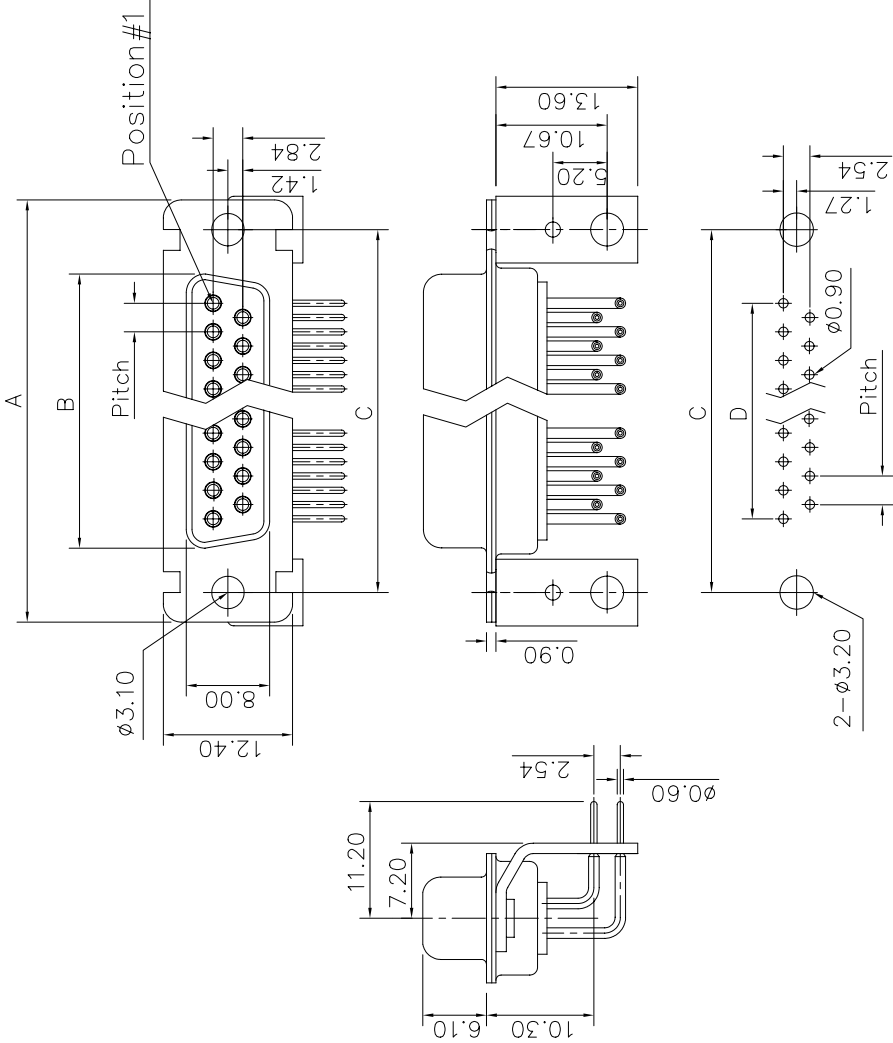


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RECOMMENDED P.C.B LAYOUT
(TOLERANCE + / -0.03)

Customer drawing



DIM.S	A	B	C	D	Pitch
SHELL					
9	30.70	16.40	25.00	10.96	2.74
15	39.00	24.80	33.30	19.18	2.74
25	52.90	38.50	47.00	33.12	2.77
37	69.20	54.90	63.50	49.68	2.77

REVISONS		
SYM	ECN	DATE
1		06/18/08

D-SUB TECHNICAL DATA

SHELL : Steel 2.5um(100u") min tin over 1.25um(50u") min nickel
BODY : Glass filled thermoplastic.
CONTACTS : Flame retardant to UL94 V-0 Color Black Brass
BRACKET : 0.1um(4u") min gold over 1.25um(50u") min nickel
ELECTRICAL : Steel,100u" min tin over 50u" min nickel
Voltage rating : 300 V RMS at 50 Hz
Current rating 7.5A.
Insulation resistance >5000 M Ohms
Contact resistance 20 mohms max.
CLIMATIC : Temperature range -55 °C up to 85°C
Damp heat 21 days(40 °C-95% HR)
MARKING : Amphenol-...(Series No.)
Commercial reference
Manufacturing date

PRODUCT CODE

L 77D X XX S 1AMN

L: RoHS Compliance

77D: tinned shell for receptacle

Shell Size : E,A,B,C

Configuration: 09,15,25,37

Right angle connector:
European footprint
metal bracket
1AMN=X=2.54

Contact type:
S: Female

UNLESS OTHERWISE SPECIFIED		TOLERANCES		APPROVAL		DATE	
METRIC		U.S.		DRAWN		CHECKED	
X		+/-		0.50		0.030	
XX		+/-		0.30		0.020	
XXX		+/-		0.20		0.015	
FRACTIONS		+/-		2'		2'	
ANGLES		+/-		2'		2'	
FOR MATERIALS AND FINISHES		SEE NOTES		DRAWING FILE :		ANGLE OF PROJECTION	
REMOVE SHARP EDGES		DIMENSIONS		U-S		TINHAS	
MM		MM		MM		MM	

Amphenol

TITLE		REV.	
machined contacts connector, D series		1	
SIZE		A4	
DRAWING NO.		C L77DXXXS1AMN	
SCALE		NONE	
SHEET 1		OF 1	

Mouser Electronics

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