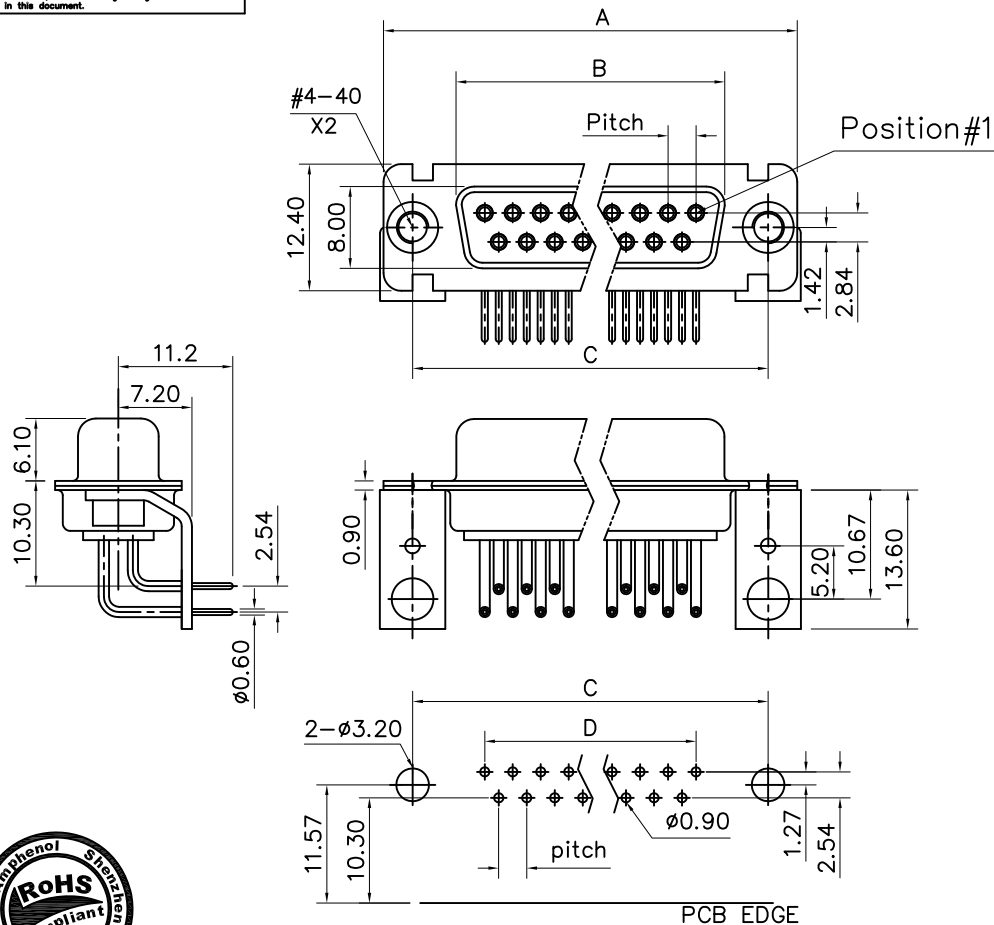


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RECOMMENDED P.C.B LAYOUT
(TOLERANCE ± 0.05)

Customer Drawing

DIM.S SHELL	A	B	C	D	Pitch
09	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	2.76
37	69.20	54.90	63.50	49.68	2.76

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	02/14/17	IP

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 : Copper alloy
0.76um(30u") min gold over 1.25um(50u") min nickel
REAR INSERT : Brass, 100u" min tin over 50u" nickel
BRACKET : Steel, 100u" min tin over 50u" min nickel
ELECTRICAL : Voltage rating : 300 V RMS at 50 Hz
Current rating 7.5A.
Withstanding voltage 1000V AC for one minute
Insulation resistance >5000 M Ohms
Contact resistance 20 mOhms max.
CLIMATIC : Temperature range -55°C up to +125°C
Damp heat 56 days(40°C-95% HR)
MARKING : Amphenol...(Series No.)
Commercial reference
Manufacturing date

PRODUCT CODE

L 177DF X H XX S 1AMN

L: RoHS Compliance

177DF: tinned shell for receptacle

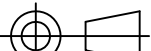
Shell Size : E,A,B,C

H=rear insert 4-40

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

Contact type:
S: Female

Configuration: 09,15,25,37

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	DATE
.X +/-	0.50	Peta Liu	02/14/17
.XX +/-	0.30	CHECKED	Tony Tang
.XXX +/-	0.20	CHECKED	02/14/17
FRACTIONS +/-			
ANGLES +/-	5°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		

Amphenol		
TITLE		
Machined contacts connector, DF series		
SIZE	DRAWING NO.	REV.
A4	L177DFXHXXS1AMN	1
SCALE	NONE	SHEET 1 OF 1