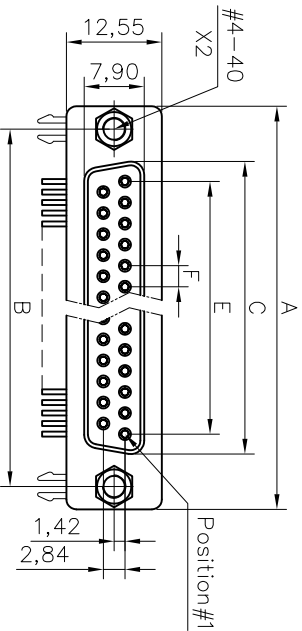


RECOMMENDED P.C.B LAYOUT
(TOLERANCE +/-0.03)



Customer drawing

Nb of contacts	Dimensions				
	A	B	C	E	F
9	30.81	24.99	16.24	10.96	2.77
15	39.14	33.32	24.56	19.18	2.77
25	53.04	47.04	38.38	33.24	2.77
37	69.32	63.50	54.76	49.86	2.77

REVISONS			
SYM	EDN	DESCRIPTION	DATE
1			01/07/08

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 Green
Copper alloy , 15u" min. gold over 1.25um(50u") min nickel in mating area, 2.54um(100u") min tin over 1.25um(50u") min nickel on termination area
SCREWLOCK : Brass,50u" min. nickel
BOARDLOCK : Brass,100u" min. tin over 50u" min. nickel
ELECTRICAL : Voltage rating: 250 V RMS at 50 Hz
Current rating: 5A
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 177SD X XX S A4 CH 4F G

- L: RoHS Compliance
177SD: tinned shell for receptacle
Shell Size: E,A,B,C
Configuration: 9,15,25,37
G: Green color
Mounting options: 4f=Front screwlock 4-40
PCB locking type: grounding tabs+boardlocks
termination: A4(MIL)
Contact type: S: Socket

DIMENSIONS SPECIFIED		APPROVAL		DATE	
TOLERANCES	U.S.	DATE	DATE	DATE	DATE
.X +/-	0.50	01/07/08	01/07/08	01/07/08	01/07/08
.XX +/-	0.30				
.XXX +/-	0.20				
ANGLES +/-	2°				
FOR MATERIALS AND FINISHES					
REMOVE SHARP EDGES					
DIMENSIONS					
THICKNESS	THICKNESS	ANGLE OF PROJECTION	SIZE	DRAWING NO.	REV.
THICKNESS	THICKNESS	ANGLE OF PROJECTION	A4	C L177SDXXXS44CH4FG	1
THICKNESS	THICKNESS	ANGLE OF PROJECTION	SCALE	NONE	SHEET 1 OF 1