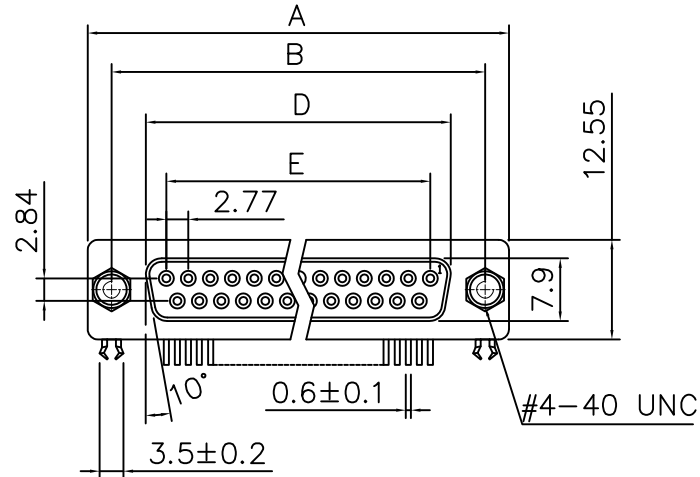
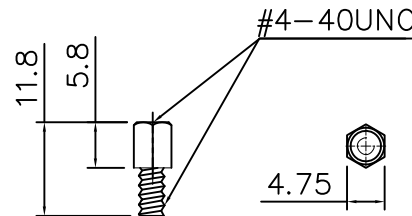
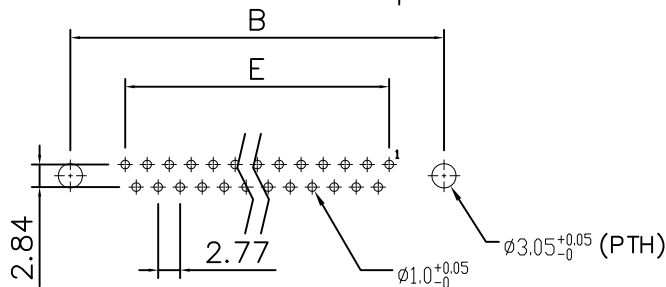
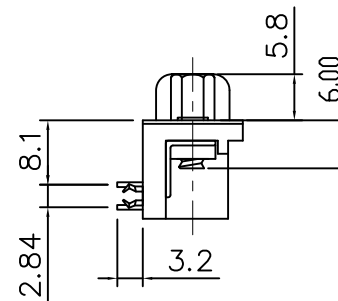
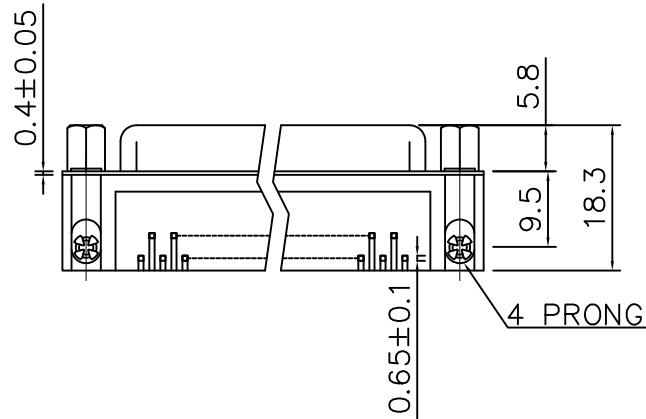


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

Customer Drawing



Shell Size	Positions	A	B	D	E
E	09	30.81	24.99	16.33	11.08
A	15	39.20	33.30	24.70	19.39
B	25	53.05	47.04	38.40	33.24
C	37	69.40	63.50	54.80	49.86



#4-40 unc screwlock installed

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	06/30/20	Tony.Tang
2	HK--	Added Screw Drawing	07/02/20	Tony.Tang
3	HK--	Added dimension for screw	07/03/20	Tony.Tang
4	HK--	Updated plating spec.	02/24/22	Tony.Tang
5	HK--	Added dimension for shell thickness	06/24/22	Tony.Tang
6	HK--	Added dim. tolerance for shell thickness	06/27/22	Tony.Tang
7	HK--	Added dimensions for pin and B/L	07/05/22	Tony.Tang

D-SUB TECHNICAL DATA

SHELL : Steel, 100u" Tin over 50u" min nickel over 50u" min Copper
BODY : PBT, UL 94V-0, Color: Black
CONTACTS : Copper Alloy
30u" Gold over 50u" min Nickel on mating area.
100u" min Tin over 50u" min Nickel on solder area.
BOARDLOCK: Copper alloy, 100u" min tin plated.
REAR NUT: Copper alloy, 50u" min nickel plated.
SCREWLOCK: Copper alloy, 50u" min nickel plated.
ELECTRICAL : Voltage rating 250 V RMS Max.
Current rating 3A.
Withstanding Voltage >1000 V Rms
Insulation resistance >1000 M Ohms
Contact resistance 20 mOhms max.
MARKING : Amphenol-...(Series No.)
Commercial reference
Manufacturing date

PRODUCT CODE

L	77	SD	X	XX	S	A4	CH	4F	C309
RoHS Compliant	77: Tinned shell for receptacle	SD: Standard density	Shell size: E, A, B, C	Configuration: 09, 15, 25, 37	Contact type: S= Socket				C309: 30u" gold
									Mounting option: 4F: Front screwlock 4-40
									PCB locking type: Grounding tab + boardlock
									Footprint: A4(MIL)

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S.	METRIC	DRAWN	By: Wu	07/06/22
.X +/-	0.50	CHECKED	Tony.Tang	07/06/22
.XX +/-	0.30	CHECKED		
.XXX +/-	0.20			
FRACTIONS +/-	5'			
ANGLES +/-				
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
METRIC	MM			

TITLE			
D-SUB connector, R/A Series			
SIZE	DRAWING NO.		REV.
A4	L77SDXXXSA4CH4FC309		7
SCALE	NONE	SHEET 1 OF 1	