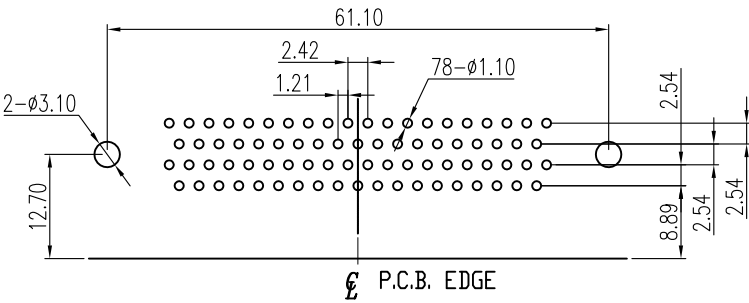
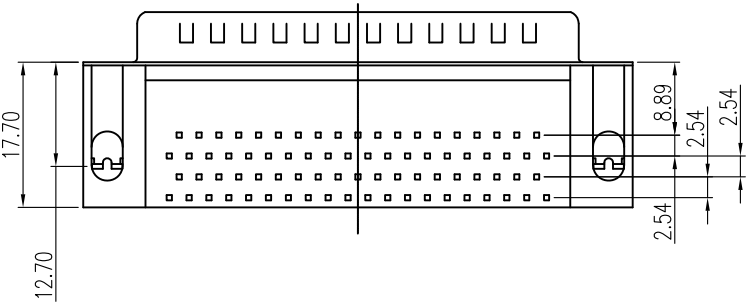
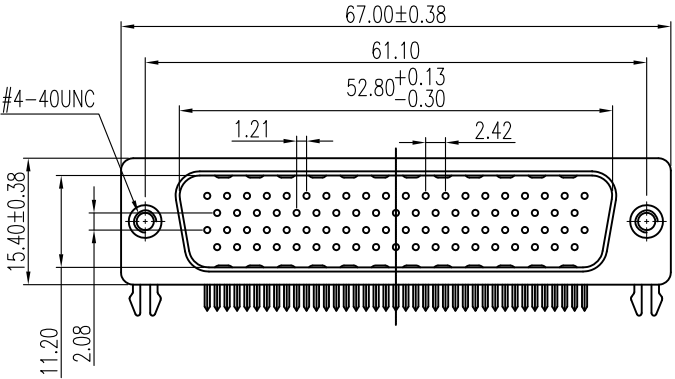
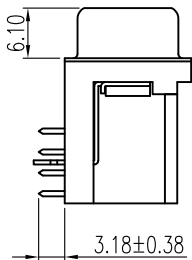


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# Customer Drawing



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE:±0.05MM



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	11/14/14	IP
2	HK--	Change Tin shell to Nickel shell	03/20/18	IP
3	HK--	Adding the Tolerance for 11.30	05/23/18	IP
4	HK--	Change Nickel shell to Tin shell	11/14/18	IP
5	HK--	Adding Boardlock OD	12/07/18	IP
6	HK--	Adding tolerance of shell and operating temperature	02/22/19	IP
7	HK--	Update PCB layout	03/26/19	IP

## D-SUB TECHNICAL DATA

SHELL : SPCC, 100u" min tin plated over 50u" min nickel over 50u" min Copper

BODY : PBT UL 94V-0 Color: Black

CONTACTS : Copper Alloy  
30u" gold plated over 50u" min nickel on mating area.  
100u" min tin over 50u" min nickel on solder area.

BOARDLOCK: Copper alloy, Tin plated.

RIVET: Copper alloy, Nickel plated.

ELECTRICAL : Voltage rating 250 V Rms  
Current rating 3A.  
Withstanding Voltage >1000 V Rms  
Insulation resistance >5000 M Ohms  
Contact resistance 25 mOhms max.

MARKING : Amphenol...(Series No.)  
Commercial reference  
Manufacturing date

OPERATING TEMPERATURE : -55°C~+105°C

## PRODUCT CODE

L 717 HD D 78 P D1 CH 4R C309	
RoHS Compliant	C309= 30u" gold plated
717: Tinned shell + dimples for plug	Mounting option: 4R= Rear insert 4-40
HD: High density	PCB locking type: Grounding tabs + boardlocks
Shell size: D	Footprint: D1= 8.89mm
Configuration: 78	Contact type: P= Pin

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	Simon Chen 03/26/19
.X +/-	0.50	CHECKED	Tony Tang 03/26/19
.XX +/-	0.30	CHECKED	
.XXX +/-	0.20		
FRACTIONS +/-			
ANGLES +/-	5°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS		U.S. INCHES	
U.S.		METRIC MM	

Amphenol			
TITLE D-SUB connector, HD Series			
SIZE	DRAWING NO.	REV.	
A4	L717HDD78PD1CH4RC309	7	
SCALE	NONE	SHEET 1 OF 1	

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