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Customer Drawing

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	01/25/17	IP

D-SUB TECHNICAL DATA

- SHELL : Steel, 100u" Tin over 50u" min nickel over 50u" min Copper
BODY : Glass-Filled Thermoplastic PBT, UL94V-0 BLACK
CONTACTS : Copper Alloy
Gold Flash over 50u" min nickel on mating area.
100u" min tin over 50u" min nickel on solder area.
BOARDLOCK: Brass, Tin plated.
RIVET: Copper Alloy, Nickel plated.
SCREWLOCK: Brass, 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

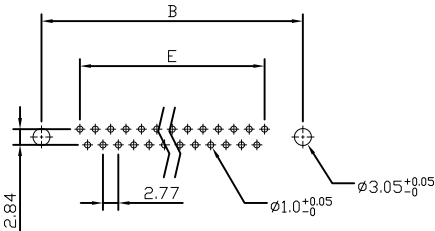
PRODUCT CODE

L 77 SD X XX S A4 CH 3F

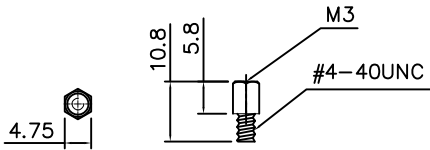
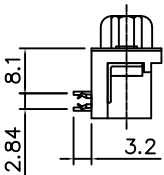
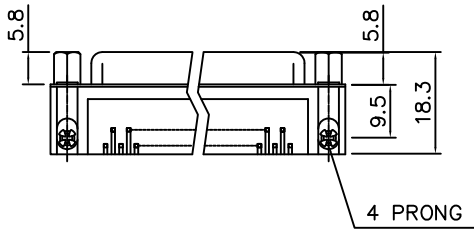
- RoHS Compliant
77: tinned shell for receptacle
Shell size: E, A, B, C
Configuration: 9, 15, 25, 37
- Mounting options:
3F = front screwlock M3
PCB locking type:
grounding tabs + board locks
Footprint:
A4 =8.08mm
Contact type:
S = Socket

Dimensions

Positions	A	B	D	E
9	30.81	24.99	16.33	11.08
15	39.20	33.30	24.70	19.39
25	53.05	47.04	38.40	33.24
37	69.40	63.50	54.80	49.86



Recommended PCB layout
Tolerance: +/-0.05mm



#4-40 unc screwlock installed



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S.	METRIC	DRAWN	Patric Liu	01/25/17
.X +/-	0.50	CHECKED	Tony Tang	01/25/17
.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			
METRIC	MM			

Amphenol			
TITLE			
D-SUB connector, R/A Series			
SIZE	DRAWING NO.		REV.
A4	L77SDXXXSA4CH3F		1
SCALE	NONE	SHEET 1 OF 1	