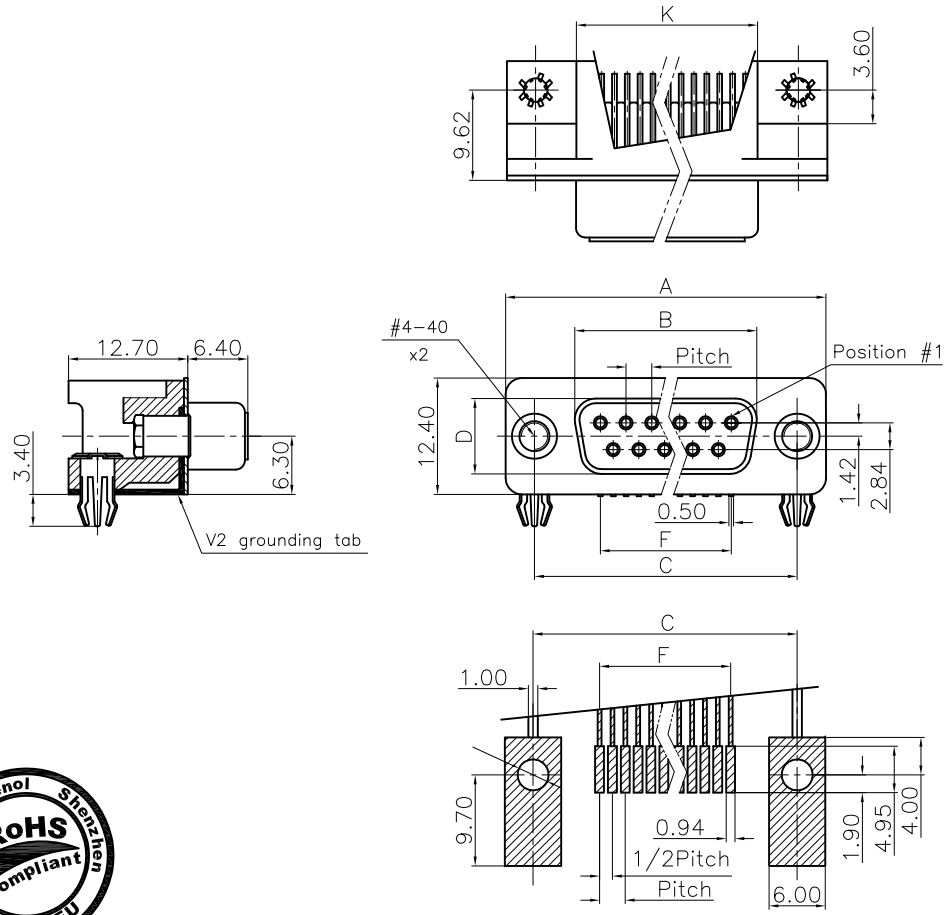


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Customer Drawing



RECOMMENDED P.C.B LAYOUT
(TOLERANCE +/-0.05)

DIM.S	A	B	C	D	E	PITCH	F	K
E	31.15	16.40	25.00	8.03	12.40	2.74	10.97	16.30
A	39.40	24.80	33.30	8.03	12.40	2.74	19.20	24.60
B	53.30	38.50	47.70	8.03	12.40	2.76	33.12	38.30

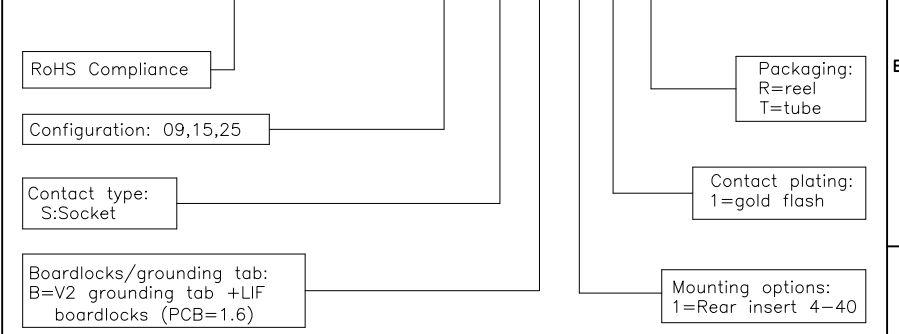
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	06/12/08	IP
2	HK--	Change the contact plating spec from bright tin to matte tin	07/14/20	IP

D-SUB TECHNICAL DATA

SHELL : Steel,100u" min tin over 50u" min nickel
 BODY : Glass filled thermoplastic.
 CONTACTS : Flame retardant to UL94 V-0, Color Black
 Copper alloy 2.54um(100u") min matte tin on solder area
 Gold flash on mating area over 1.25um(50u") min nickel
 BOARDLOCK : Brass. 100u" min tin over 50u" min nickel
 REAR INSERT : Brass. 100u" min tin over 50u" min nickel
 GROUNDING : Grounding strap : Brass. 100u" min tin over 50u" min nickel
 ELECTRICAL : Voltage rating 300 V Rms to 50 Hz
 Current rating 3A
 Withstanding Voltage >1000 V Rms to 50 Hz for one minute
 Insulation resistance >5000 M Ohms
 Contact resistance 20 mOhms max.
 CLIMATIC : Temperature range 85°C, peak at +125°C
 Damp heat 56 days(40°C-95% HR)
 MARKING : Amphenol...(Series No.)
 Commercial reference
 Manufacturing date

PRODUCT CODE

L 17 SM2 XX S B 1 1 X



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S.	METRIC	DRAWN	Victor.Li	07/14/20
.X +/-	0.50	CHECKED	Tony.Tang	07/14/20
.XX +/-	0.30	CHECKED		
.XXX +/-	0.20			
FRACTIONS +/-				
ANGLES +/-	2'			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
METRIC	MM			

Amphenol		
TITLE Surface mount connectors SM2 Series		
SIZE	DRAWING NO.	REV.
A4	L17SM2XXSB11X	2
SCALE	NONE	SHEET 1 OF 1