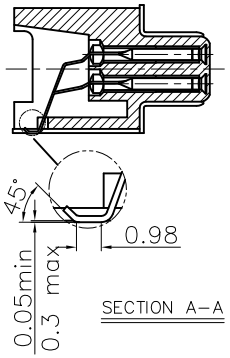
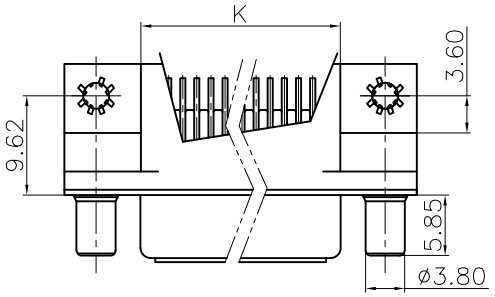
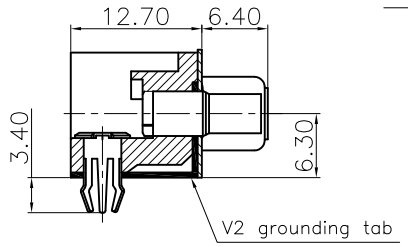
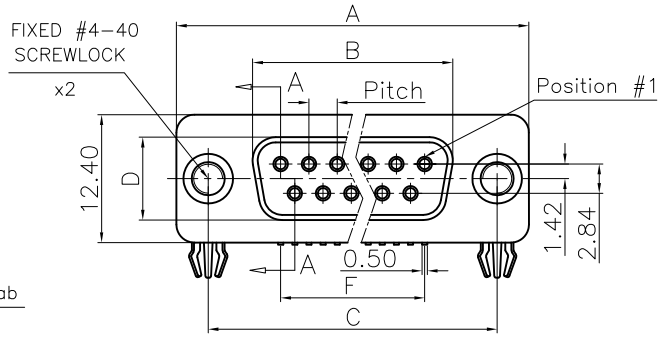
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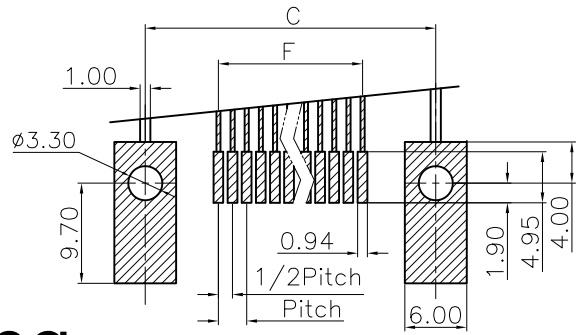
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	03/18/08	IP











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

Customer drawing

DIM.S / SHELL	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

D-SUB TECHNICAL DATA

SHELL :	Steel 100u" min tin over 50u" min nickel
BODY :	Glass filled thermoplastic. Flame retardant to UL94 V-0 Color Black
CONTACTS :	Phosphor bronze 0.76um(30u") min gold over 1.25um(50u") min nickel on mating area
BOARDLOCK:	Brass. 100u" min tin over 50u" min nickel
FRONT SCREWLOCK :	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 105°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 6 4 X

- RoHS Compliance
- Configuration: 09,15,25
- Contact type: S:Socket
- Boardlocks/grounding tab: B=V2 grounding tab +LIF boardlocks (PCB=1.6)
- Packaging: R=reel T=tube
- Contact plating: 4=0.76um gold
- Mounting options: 6=fixed front screwlock 4-40

UNLESS OTHERWISE SPECIFIED TOLERANCES

	U.S.	METRIC
.X +/-		0.50
.XX +/-		0.30
.XXX +/-		0.20
FRACTIONS +/-		
ANGLES +/-		2°

FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. INCHES
METRIC MM

APPROVAL	DATE
DRAWN Christina.cui	03/18/08
CHECKED Lik.wang	03/18/08
CHECKED	
DRAWING FILE :	

ANGLE OF PROJECTION

Amphenol

TITLE
Surface mount connectors
SM2 Series

SIZE	DRAWING NO.	REV.
A4	C L17SM2XXSB64X	1

SCALE NONE SHEET 1 OF 1

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