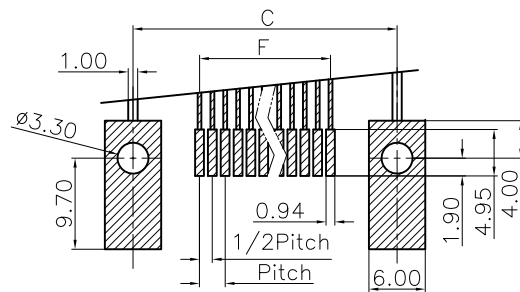
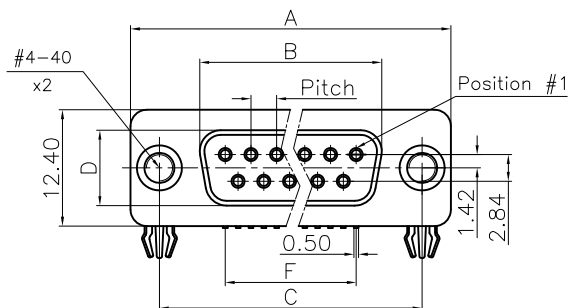
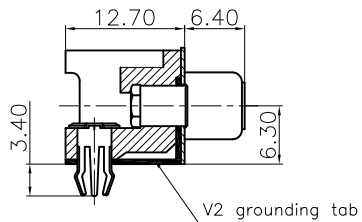
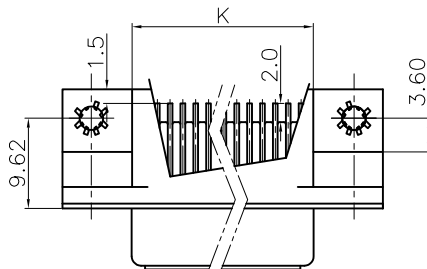


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Customer Drawing



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



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

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	03/20/08	IP
2	HK--	Update the Drawing	10/20/14	IP
3	HK--	Add the packing in sheet 2	06/25/19	IP
4	HK--	Change the contact plating spec from bright tin to matte tin	07/14/20	IP
5	HK--	Update the contact material notes	09/03/20	IP

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 : Copper alloy 2.54um(100u") min matte tin on solder area
0.76um(30u") Au min 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 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 1 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 Au

Mounting options:
1=Rear insert 4-40

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN Victor.LA	09/03/20
.X +/-	0.50	CHECKED Tony.Tang	09/03/20
.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		

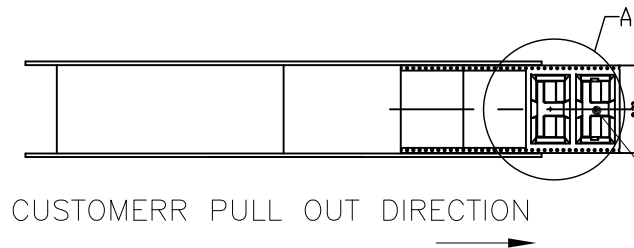
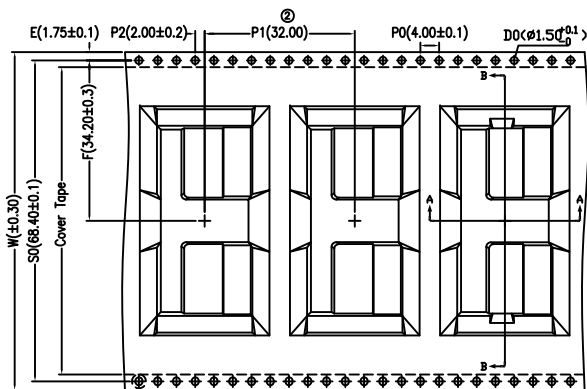
Amphenol

Amphenol East Asia Limited A

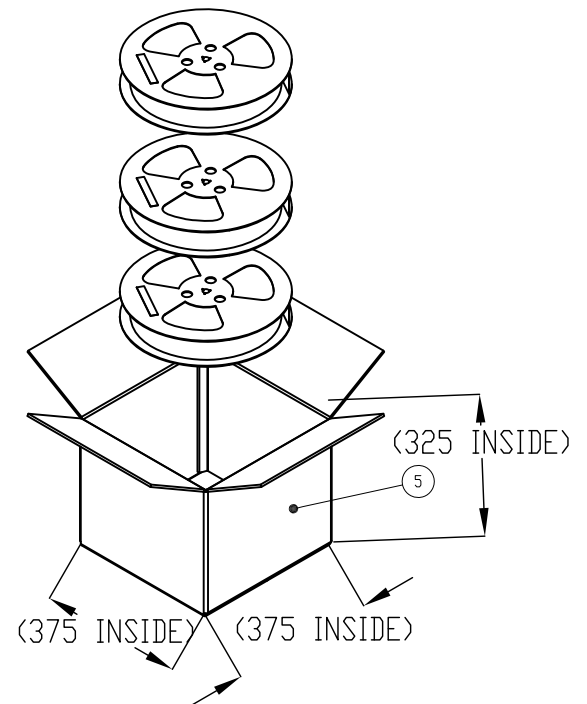
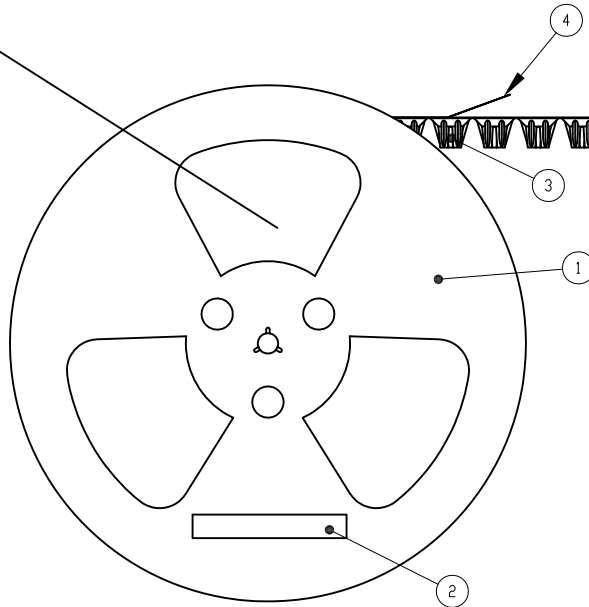
TITLE
Surface mount connectors
SM2 Series

SIZE	DRAWING NO.	REV.
A4	L17SM2XXSB14X	5
SCALE	SHEET 1 OF 2	
NONE		

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EMPTY POCKET
OF LEADER SIDE
(FOR SHOWN ONLY)



SHELL	DIM W	QTY/REEL	QTY/CARTON
09	56mm	100pcs	500pcs
15	72mm	100pcs	400pcs
25	72mm	100pcs	400pcs

5	CARTON
4	COVER TAPE
3	CARRIER TAPE
2	LABEL
1	PLASTIC REEL
ITEM No.	DESCRIPTION

UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE
TOLERANCES		DRAWN	Victor.Li	09/03/20
	U.S.	CHECKED	Tony.Tang	09/03/20
	METRIC	CHECKED		
.X	+/-			
.XX	+/-			
.XXX	+/-			
FRACTIONS	+/-			
ANGLES	+/-			
FOR MATERIALS AND FINISHES		DRAWING FILE :		
SEE NOTES				
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
METRIC	MM			

Amphenol		Amphenol East Asia Limited	
TITLE		Surface mount connectors SM2 Series	
SIZE	DRAWING NO.	REV.	
A4	L17SM2XXSB14X	5	
SCALE	NONE	SHEET 2 OF 2	