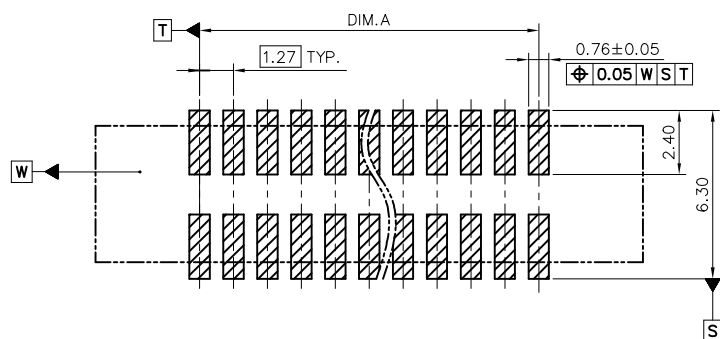
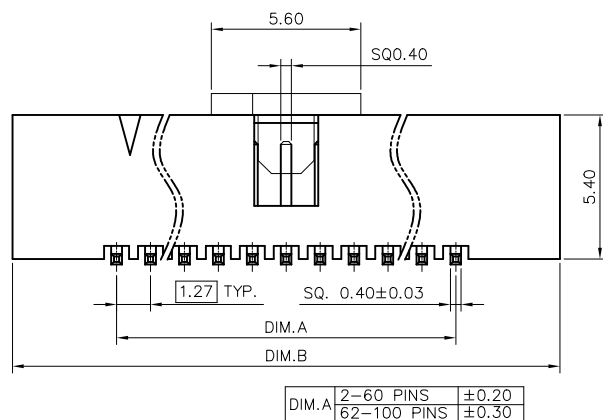
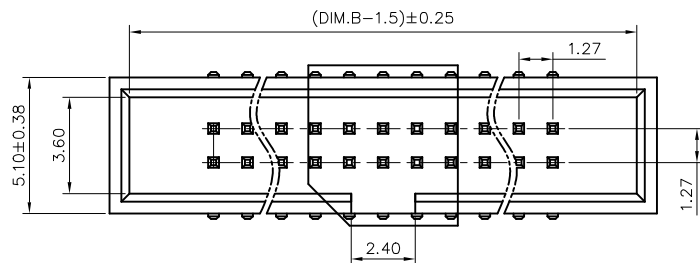
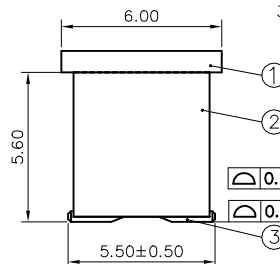




RECOMMENDED P.C.B. LAYOUT
LAYOUT TOLERANCE: ±0.05mm

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE IN MILLIMETER, PER ASME Y14.5M-2009.
- ELECTRICAL CHARACTERISTICS:
 - VOLTAGE RATING: 125 VAC MAX..
 - CURRENT RATING: 1.0 A MAX. PER PIN, 30°C RISE ABOVE AMBIENT.
 - CONTACT RESISTANCE: 20 MILLIOHMS MAX. FOR INITIAL, 40 MILLIOHMS MAX. AFTER TEST.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC R.M.S..
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN..
- OTHER CHARACTERISTICS:
 - THE PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - PRODUCT SPEC: GS-12-629.
 - PACKAGE SPEC: GS-14-1420.
 - MATE WITH: 20021444.



0.10 FOR 6-40 POS.
0.12 FOR 40-100 POS.

CONFIG
0: WITH C ANGLE CAP
1: WITH C ANGLE CAP

PIN COUNT
SEE TABLE 1

20021521 - 0 0 X X X X L F

LEAD FREE

PLATING:

1: GOLD FLASH ALL OVER
3: 0.25GXT AT CONTACT
4: 0.25µm GOLD AT CONTACT
8: 0.76µm GOLD AT CONTACT
9: 0.76GXT AT CONTACT

PACKING

T: TUBE
D: TUBE+CAP
C: TAPE&REEL+CAP (P: 12mm)
E: TAPE&REEL+CAP (P: 16mm)
Q: TAPE&REEL W/O CAP (P: 12mm)

3	CONTACT	COPPER ALLOY	1µm MIN. NICKEL PLATING OVERALL UNDERPLATED GOLD FLASH OVER 1µm MIN. NICKEL OVER ALL GOLD OR GXT PLATING ON CONTACT AREA	
2	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK	
1	CAP	THERMOPLASTIC UL 94V-0	MOLDED BLACK	
ITEM	DESCRIPTION	MATERIAL	TREATMENT	
mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection product family
ltr	ecn no	dr	date	tolerances unless otherwise specified
R	ELX-N-291051	GRACE LIU	04/23/26	angles linear
K	ELX-N-17601	TIM YAO	04/30/14	0°±2°
L	ELX-N-19182	TIM YAO	10/24/14	dr GRACE LIU 04/23/26
M	ELX-N-28314	TONY LENG	10/31/17	enr GRACE LIU 04/23/26
N	ELX-N-28945	TONY LENG	03/13/18	chr LQ LEI 04/23/26
P	ELX-N-55964	MIKE ZHOU	06/03/25	appd TIM YAO 04/23/26
sheet	revision	R		
index	sheet	1		

Amphenol
FCI

title
MINITEK 1.27

dwg no 20021521 sheet 1 of 2 size A3

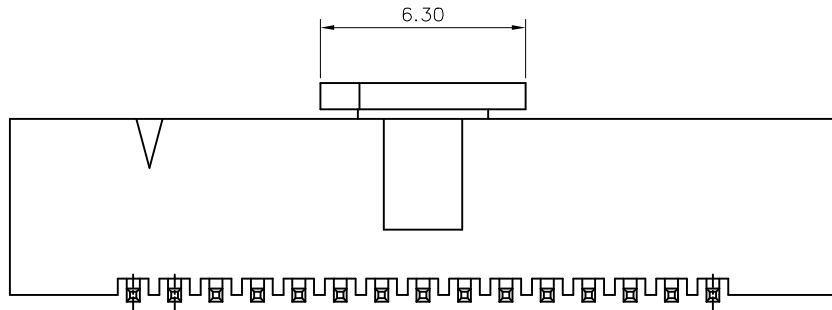
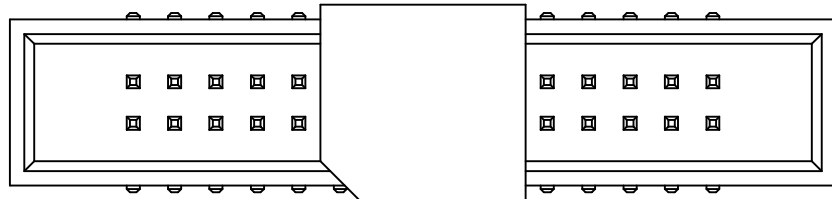
type Product Customer Drawing



D

Amphenol
FCI

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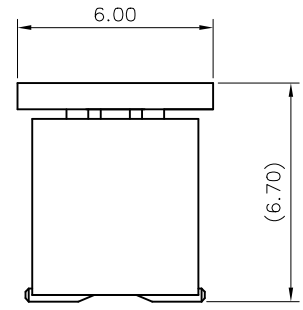


CONFIG 1: 20021521-001XXXXLF
WITH EDGE CUT CAP, OTHER DIMENSIONS SEE SHEET 1

TABLE 1: DIM INFORMATION

DASH NO.	DIM.	AMOUNT OF PINS	DIM.A	DIM.B
—000 06 XX LF		06	2.54	10.11
—000 08 XX LF		08	3.81	11.38
—000 10 XX LF		10	5.08	12.65
—000 12 XX LF		12	6.35	13.92
—000 14 XX LF		14	7.62	15.19
—000 16 XX LF		16	8.89	16.46
—000 20 XX LF		20	11.43	19.00
—000 22 XX LF		22	12.70	20.27
—00X 24 XX LF		24	13.97	21.54
—000 26 XX LF		26	15.24	22.81

DASH NO.	DIM.	AMOUNT OF PINS	DIM.A	DIM.B
—000 30 XX LF		30	17.78	25.35
—000 34 XX LF		34	20.32	27.89
—000 40 XX LF		40	24.13	31.70
—000 44 XX LF		44	26.67	34.24
—000 50 XX LF		50	30.48	38.05
—000 60 XX LF		60	36.83	44.40
—000 64 XX LF		64	39.37	46.94
—000 68 XX LF		68	41.91	49.48
—000 80 XX LF		80	49.53	57.10
—000 A0 XX LF		100	62.23	69.80



mat'l. code				surface	tolerance		projection	product family		
				ISO 1302	ISO 406 ISO 1101			HPL 585		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
R				angles	linear	0.X±0.38		MINITEK 1.27		
				0°±2°		0.XX±0.25		mm		
						0.XXX±0.10	scale 5:1			
				dr	GRACE LIU	04/23/26		dwg no		sheet2 of 2
				enr	GRACE LIU	04/23/26		20021521		A3
				chr	LQ LEI	04/23/26				
				appd	TIM YAO	04/23/26		type Product Customer Drawing		
sheet index	revision	R								
	sheet	2								