

RECOMMENDED PCB LAYOUT FOR 20021621-000XXXXLF
TOLERANCE ±0.05 UNLESS OTHERWISE SPECIFIED

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN MILLIMETER, PER ASME Y14.5M-2009.
2. ELECTRICAL CHARACTERISTICS:
 - 2-1 VOLTAGE RATING: 125 VAC MAX..
 - 2-2 CURRENT RATING: 1.0 A MAX. PER PIN, 30°C RISE ABOVE AMBIENT.
 - 2-3 CONTACT RESISTANCE: 20 MILLIOHMS MAX. FOR INITIAL, 40 MILLIOHMS MAX. AFTER TEST.
 - 2-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S..
 - 2-5 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
3. OTHER CHARACTERISTICS:
 - 3-1 THE PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-SECONDS RED OR VAPOR PHASE REFLOW OVEN.
 - 3-2 PRODUCT SPEC: GS-12-629.
 - 3-3 PACKAGE SPEC: GS-14-1420.
 - 3-4 MATE WITH: 20021444.

20021621 - X 0 0 XX X X LF

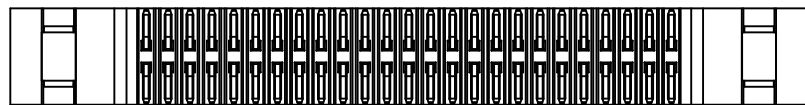
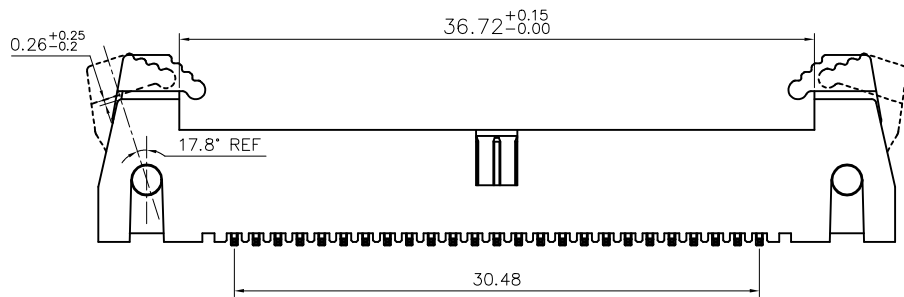
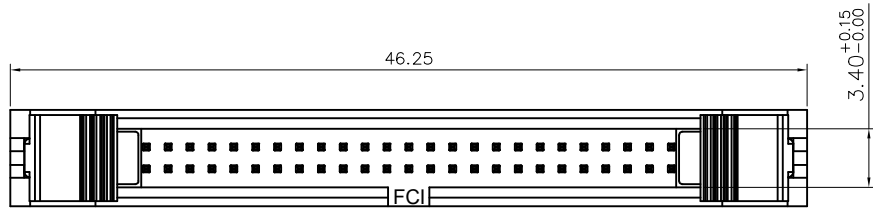
0: DIM H=5.60 (STANDARD)
1: DIM H=7.52 (CUSTOMIZED)

PIN COUNT SEE TABLE 1

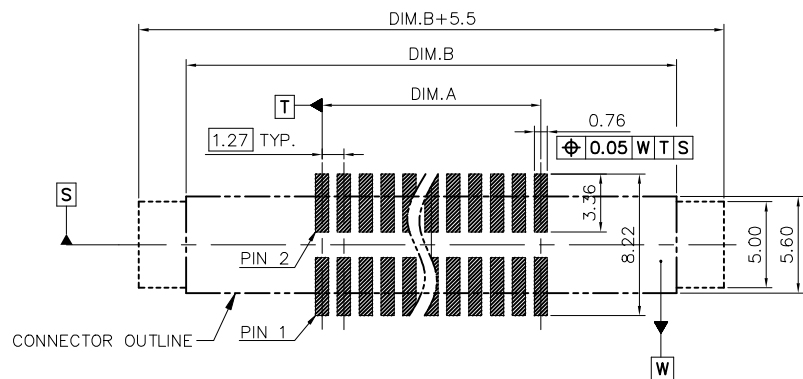
PACKING
T: TUBE
D: TUBE + C ANGLE CAP
C: T&R + C ANGLE CAP

LEAD FREE
PLATING
1: GOLD FLASH ALL OVER
3: 0.25GXT AT CONTACT, G/F ON TAIL AREA
4: 0.25µm GOLD AT CONTACT, G/F ON TAIL AREA
5: 0.25µm GOLD AT CONTACT,
1.27µm MIN. TIN PLATING ON TAIL AREA
8: 0.76µm GOLD AT CONTACT, G/F ON TAIL AREA
9: 0.76GXT AT CONTACT, G/F ON TAIL AREA

4	CONTACT	COPPER ALLOY	1µm MIN. NICKEL PLATING OVERALL UNDERPLATED 1.27µm MIN. TIN OR G/F PLATING OVER NICKEL AT TAIL GOLD OR GXT PLATING ON CONTACT AREA
3	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK
2	CAP	THERMOPLASTIC UL 94V-0	MOLDED BLACK
1	LACTH	THERMOPLASTIC UL 94V-0	MOLDED BLACK
ITEM	DESCRIPTION	MATERIAL	TREATMENT
mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101
ltr ecn no dr		tolerances unless otherwise specified	projection mm
date		angles	product family HPL 585
03/27/24		linear	title MINITEK 1.27
06/03/25		0°±2'	scale 1:1
04/09/26		dr GRACE LIU 04/09/26	Amphenol FCI
		enr GRACE LIU 04/09/26	dwg no 20021621
		chr LQ LEI 04/09/26	sheet 1 of 2
		appd TIM YAO 04/09/26	size A3
			type Product Customer Drawing
sheet index	revision sheet	J 1	



ONLY FOR 20021621-00050XXLF
THE OTHER DIMENSIONS ARE THE SAME WITH PAGE 1



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 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC 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.
 - PRODUCT NUMBERING IS THE SAME WITH PAGE 1.

TABLE 1

DASH NO.	DIM.	AMOUNT OF PINS	DIM.A	DIM.B	DIM.C
-000 06 XX LF		6	2.54	18.31	8.46
-000 08 XX LF		8	3.81	19.58	9.73
-000 10 XX LF		10	5.08	20.85	11.00
-000 12 XX LF		12	6.35	22.12	12.27
-000 14 XX LF		14	7.62	23.39	13.54
-000 16 XX LF		16	8.89	24.66	14.81
-000 20 XX LF		20	11.43	27.20	17.35
-000 26 XX LF		26	15.24	31.01	21.16
-000 30 XX LF		30	17.78	33.55	23.70
-000 34 XX LF		34	20.32	36.09	26.24
-000 40 XX LF		40	24.13	39.90	30.05
-000 44 XX LF		44	26.67	42.44	32.59
-000 50 XX LF		50	SEE PAGE 2		

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family	
ltr		ecn no		date		tolerances unless otherwise specified		HPL 585	
J						$0.X \pm 0.38$ $0.XX \pm 0.25$ $0.XXX \pm 0.10$		title	
						angles linear $0^\circ \pm 2'$		MINITEK 1.27	
						scale 1:1		sheet 2 of 2	
				dr GRACE LIU 04/09/26		enrg GRACE LIU 04/09/26		20021621	
				chr LQ LEI 04/09/26		appd TIM YAO 04/09/26		A3	
								type Product Customer Drawing	
sheet index		revision sheet		J 2					