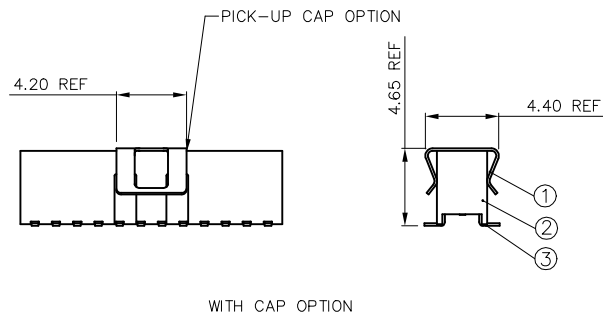
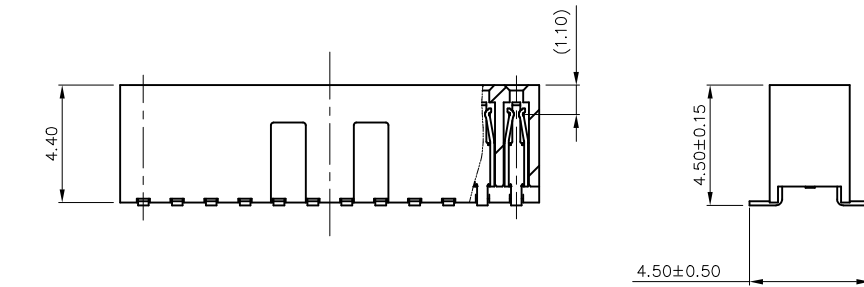
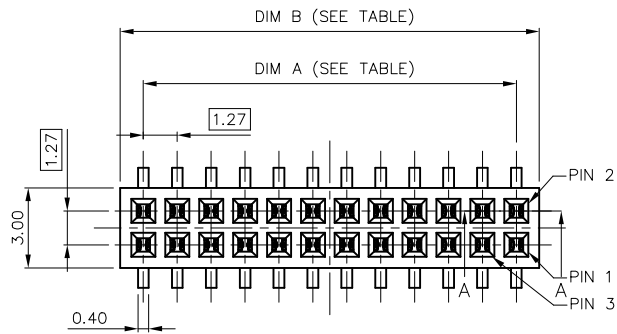


PART NO.
20021321



NOTES: UNLESS OTHERWISE SPECIFIED

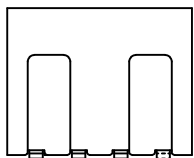
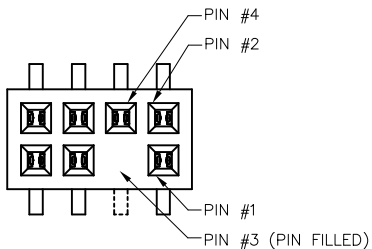
- ALL DIMENSIONS ARE IN MILLIMETER, PER ASME Y14.5M-2009.
- ELECTRICAL CHARACTERISTICS:
 - 2-1 VOLTAGE RATING: 125 VAC MAX..
 - 2-2 CURRENT RATING: 1.0 A MAX. PER PIN, 30°C RISE ABOVE AMBIENT.
 - 2-3 CONTACT RESISTANCE: 20 MILLIOHMS MAX. FOR INITIAL, 40 MILLIOHMS MAX. AFTER TEST.
 - 2-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S..
 - 2-5 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
- OTHER CHARACTERISTICS:
 - 3-1 THE PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - 3-2 PRODUCT SPEC: GS-12-629.
 - 3-3 PACKAGE SPEC: GS-14-1420.
 - 3-4 MATE WITH: 20021111 / 20021112 / 20021121 / 20021211 / 20021212 / 20021221 / 10152265 / 10176660 / 10170636 / 10190874.
 - 3-5 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

3	CONTACT	COPPER ALLOY	1.27µm MIN. NICKEL PLATING OVERALL UNDERPLATED 2.54µm MIN. MATTE TIN OR G/F PLATING OVER NICKEL AT TAIL 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
ltr		ecn no	dr
M	ELX-N-24544	TONY LENG	07/21/16
N	ELX-N-26833	TONY LENG	03/14/17
P	ELX-N-29534	TONY LENG	03/13/18
R	ELX-N-38519	YY BAO	10/10/20
S	ELX-N-49660	SANFORD LU	11/03/23
T	ELX-N-51795	SANFORD LU	06/12/24
U	ELX-N-291051	GRACE LIU	04/16/26
sheet	revision	U	
index	sheet	1	
angles		linear	tolerances unless otherwise specified
0°±2'		0.X±0.30	0.XX±0.20
		0.XXX±0.10	
projection		product family	
mm		HPL 585	
scale 1:1		title	
		MINITEK 1.27	
dwg no		sheet 1 of 4	size
20021321			A3
type		Product Customer Drawing	

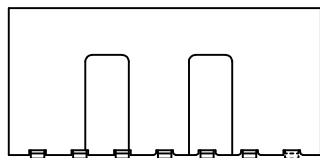
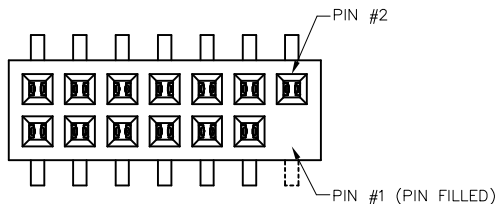


Amphenol FCI

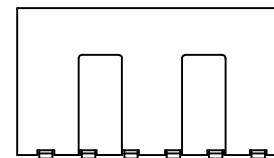
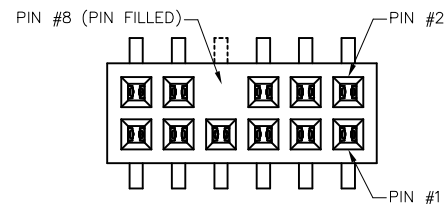
© 2016 AFCI



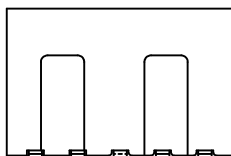
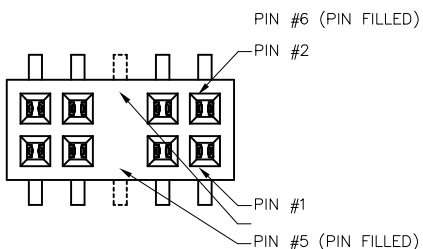
P/N: 20021321-X0108XXLF



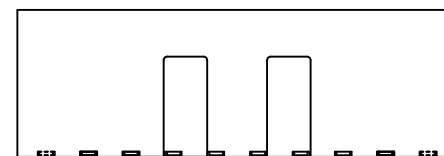
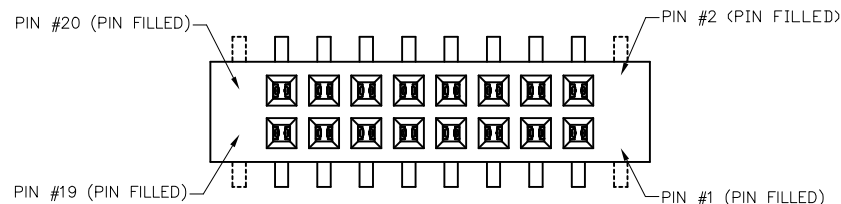
P/N: 20021321-X0214XXLF/20021321-X0206XXLF



P/N: 20021321-X0312XXLF



P/N: 20021321-X0510XXLF



P/N: 20021321-X0420XXLF

TABLE 3

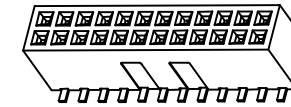
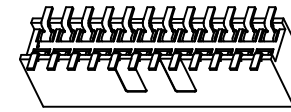
DASH NO.	AMOUNT OF PINS	PIN FILLED
-X0108XXLF	7	PIN #3
-X0214XXLF	13	PIN #1
-X0206XXLF	5	PIN #1
-X0312XXLF	11	PIN #8
-X0420XXLF	16	PIN #1, #2, #19, #20
-X0510XXLF	8	PIN #5, #6

mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family HPL 585
ltr	ecn no	dr	date	tolerances unless otherwise specified	title MINITEK 1.27
u				angles linear 0°±2'	
				0.X±0.30 0.XX±0.20 0.XXX±0.10	scale 1:1
				dr GRACE LIU 04/16/26	Amphenol FCI
				enr GRACE LIU 04/16/26	dwg no 20021321 sheet 2 of 4 size A3
				chr L-Q LEI 04/16/26	type Product Customer Drawing
				appd TIM YAO 04/16/26	
sheet index	revision sheet	U	2		

TABLE 1

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021321-XOX06XXLF	2 X 3	2.54	4.27
20021321-XOX08XXLF	2 X 4	3.81	5.54
20021321-XOX10XXLF	2 X 5	5.08	6.81
20021321-XOX12XXLF	2 X 6	6.35	8.08
20021321-XOX14XXLF	2 X 7	7.62	9.35
20021321-XOX16XXLF	2 X 8	8.89	10.62
20021321-XOX18XXLF	2 X 9	10.16	11.89
20021321-XOX20XXLF	2 X 10	11.43	13.16
20021321-XOX22XXLF	2 X 11	12.7	14.43
20021321-XOX24XXLF	2 X 12	13.97	15.7
20021321-XOX26XXLF	2 X 13	15.24	16.97
20021321-XOX28XXLF	2 X 14	16.51	18.24
20021321-XOX30XXLF	2 X 15	17.78	19.51
20021321-XOX32XXLF	2 X 16	19.05	20.78
20021321-XOX34XXLF	2 X 17	20.32	22.05
20021321-XOX36XXLF	2 X 18	21.59	23.32
20021321-XOX38XXLF	2 X 19	22.86	24.59
20021321-XOX40XXLF	2 X 20	24.13	25.86
20021321-XOX42XXLF	2 X 21	25.4	27.13
20021321-XOX44XXLF	2 X 22	26.67	28.4
20021321-XOX46XXLF	2 X 23	27.94	29.67
20021321-XOX48XXLF	2 X 24	29.21	30.94
20021321-XOX50XXLF	2 X 25	30.48	32.21
20021321-XOX52XXLF	2 X 26	31.75	33.48
20021321-XOX54XXLF	2 X 27	33.02	34.75
20021321-XOX56XXLF	2 X 28	34.29	36.02
20021321-XOX58XXLF	2 X 29	35.56	37.29
20021321-XOX60XXLF	2 X 30	36.83	38.56
20021321-XOX62XXLF	2 X 31	38.1	39.83
20021321-XOX64XXLF	2 X 32	39.37	41.1
20021321-XOX66XXLF	2 X 33	40.64	42.37
20021321-XOX68XXLF	2 X 34	41.91	43.64

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021321-XOX70XXLF	2 X 35	43.18	44.91
20021321-XOX72XXLF	2 X 36	44.45	46.18
20021321-XOX74XXLF	2 X 37	45.72	47.45
20021321-XOX76XXLF	2 X 38	46.99	48.72
20021321-XOX78XXLF	2 X 39	48.26	49.99
20021321-XOX80XXLF	2 X 40	49.53	51.26
20021321-XOX82XXLF	2 X 41	50.8	52.53
20021321-XOX84XXLF	2 X 42	52.07	53.8
20021321-XOX86XXLF	2 X 43	53.34	55.07
20021321-XOX88XXLF	2 X 44	54.61	56.34
20021321-XOX90XXLF	2 X 45	55.88	57.61
20021321-XOX92XXLF	2 X 46	57.15	58.88
20021321-XOX94XXLF	2 X 47	58.42	60.15
20021321-XOX96XXLF	2 X 48	59.69	61.42
20021321-XOX98XXLF	2 X 49	60.96	62.69
20021321-XOXAOXXLF	2 X 50	62.23	63.96



PART NUMBER DESCRIPTION:

20021321 - X O X X X X X LF

LEAD FREE

PLATING:

- 1: GOLD FLASH ON CONTACT AREA, 2.54µm MIN. MATTE TIN ON SOLDER TAIL
- 2: GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL
- 3: 0.25GXT ON CONTACT AREA, 2.54µm MIN.MATTE TIN ON SOLDER TAIL
- 4: 0.25µm GOLD ON CONTACT AREA, 2.54µm MIN. MATTE TIN ON SOLDER TAIL
- 5: 0.25µm GOLD ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL
- 6: 0.38GXT ON CONTACT AREA, 2.54µm MIN.MATTE TIN ON SOLDER TAIL
- 7: 0.38GXT ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL
- 8: 0.76GXT ON CONTACT AREA, 2.54µm MIN.MATTE TIN ON SOLDER TAIL
- 9: 0.76GXT ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL

PACKAGE:

- T: TUBE
- D: TUBE + CAP
- C: TAPE & REEL + CAP
- V: DEDICATED FOR CUSTOMER, TAPE&REEL + CAP
- Q: TAPE&REEL WITHOUT CAP

PIN COUNT: (SEE TABLE 1)

06, 08, 10, ..., 98, A0
(6 - 100 EVERY EVEN PIN)

SELECTED LOADED

0: FULLY LOADED, OTHER SEE SHEET 2 TABLE 3

POST:

- 0: WITHOUT POST
- 1: WITH POST STYLE 1
- 2: WITH POST STYLE 2
- 3: WITH POST STYLE 3

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
u				angles linear	MINITEK 1.27
				0°±2'	scale 1:1
				dr GRACE LIU 04/16/26	Amphenol FCI
				enr GRACE LIU 04/16/26	20021321
				chr L-Q LEI 04/16/26	sheet 4 of 4
				appd TIM YAO 04/16/26	size A3
sheet	revision	U			type Product Customer Drawing
index	sheet	4			