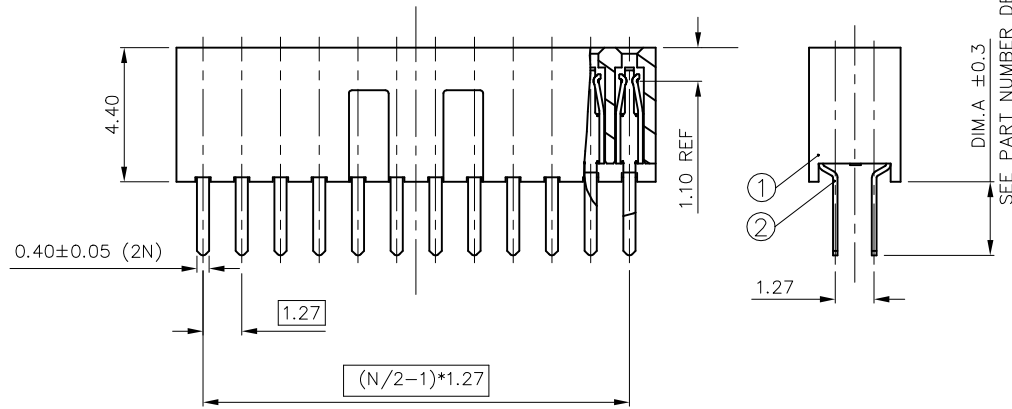
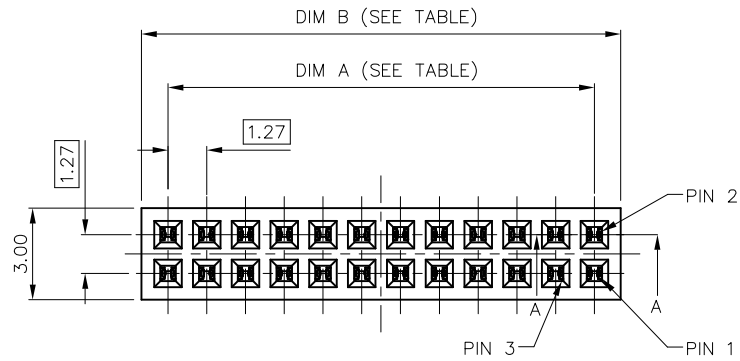


PART NO.

20021311



SECTION A-A
SCALE 4.0

SEE PART NUMBER DESCRIPTION

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-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 ASDESCRIBED IN GS-22-008.
 - 3-6 RECOMMENDED PCB THICKNESS IS 1.6mm.

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
E		ELX-N-23548	TIM YAO 03/21/16
F		ELX-N-43177	YY BAO 12/07/21
G		ELX-N-49660	SANFORD LU 11/03/23
H		ELX-N-291051	GRACE LIU 04/03/26
		enr	GRACE LIU 04/03/26
		chr	L-Q LEI 04/03/26
		appd	TIM YAO 04/03/26
sheet index		revision sheet	H 1

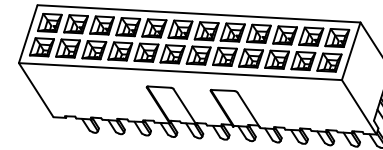
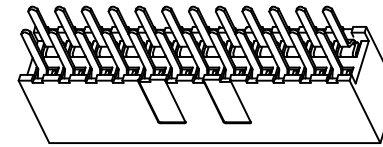
tolerances unless otherwise specified	projection	product family
0.X±0.30	mm	HPL 585
0.XX±0.20	mm	
0.XXX±0.10	mm	
0°±2'	scale 1:1	
title		
MINITEK 1.27		
dwg no		sheet 1 of 3
20021311		size A3
type		Product Customer Drawing

TABLE 1

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021311-XXX06XXLF	2 X 3	2.54	4.27
20021311-XXX08XXLF	2 X 4	3.81	5.54
20021311-XXX10XXLF	2 X 5	5.08	6.81
20021311-XXX12XXLF	2 X 6	6.35	8.08
20021311-XXX14XXLF	2 X 7	7.62	9.35
20021311-XXX16XXLF	2 X 8	8.89	10.62
20021311-XXX18XXLF	2 X 9	10.16	11.89
20021311-XXX20XXLF	2 X 10	11.43	13.16
20021311-XXX22XXLF	2 X 11	12.7	14.43
20021311-XXX24XXLF	2 X 12	13.97	15.7
20021311-XXX26XXLF	2 X 13	15.24	16.97
20021311-XXX28XXLF	2 X 14	16.51	18.24
20021311-XXX30XXLF	2 X 15	17.78	19.51
20021311-XXX32XXLF	2 X 16	19.05	20.78
20021311-XXX34XXLF	2 X 17	20.32	22.05
20021311-XXX36XXLF	2 X 18	21.59	23.32
20021311-XXX38XXLF	2 X 19	22.86	24.59
20021311-XXX40XXLF	2 X 20	24.13	25.86
20021311-XXX42XXLF	2 X 21	25.4	27.13
20021311-XXX44XXLF	2 X 22	26.67	28.4
20021311-XXX46XXLF	2 X 23	27.94	29.67
20021311-XXX48XXLF	2 X 24	29.21	30.94
20021311-XXX50XXLF	2 X 25	30.48	32.21
20021311-XXX52XXLF	2 X 26	31.75	33.48
20021311-XXX54XXLF	2 X 27	33.02	34.75
20021311-XXX56XXLF	2 X 28	34.29	36.02
20021311-XXX58XXLF	2 X 29	35.56	37.29
20021311-XXX60XXLF	2 X 30	36.83	38.56
20021311-XXX62XXLF	2 X 31	38.1	39.83
20021311-XXX64XXLF	2 X 32	39.37	41.1
20021311-XXX66XXLF	2 X 33	40.64	42.37
20021311-XXX66XXLF	2 X 34	41.91	43.64

TABLE 2

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021311-XXX70XXLF	2 X 35	43.18	44.91
20021311-XXX72XXLF	2 X 36	44.45	46.18
20021311-XXX74XXLF	2 X 37	45.72	47.45
20021311-XXX76XXLF	2 X 38	46.99	48.72
20021311-XXX78XXLF	2 X 39	48.26	49.99
20021311-XXX80XXLF	2 X 40	49.53	51.26
20021311-XXX82XXLF	2 X 41	50.8	52.53
20021311-XXX84XXLF	2 X 42	52.07	53.8
20021311-XXX86XXLF	2 X 43	53.34	55.07
20021311-XXX88XXLF	2 X 44	54.61	56.34
20021311-XXX90XXLF	2 X 45	55.88	57.61
20021311-XXX92XXLF	2 X 46	57.15	58.88
20021311-XXX94XXLF	2 X 47	58.42	60.15
20021311-XXX96XXLF	2 X 48	59.69	61.42
20021311-XXX98XXLF	2 X 49	60.96	62.69
20021311-XXXA0XXLF	2 X 50	62.23	63.96

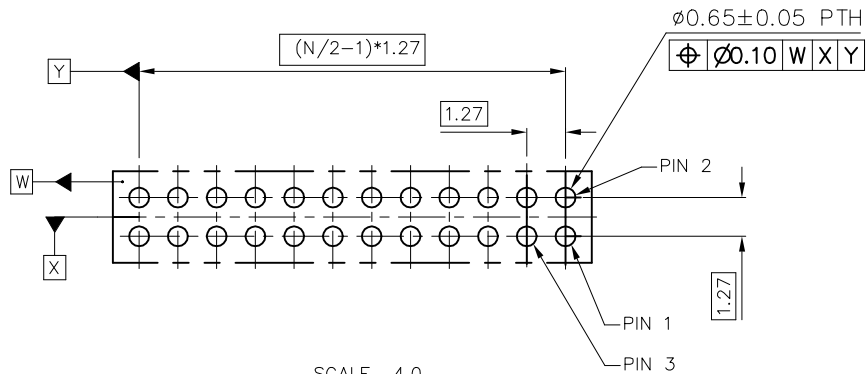


SCALE 3.0

mat'l. code		surface	tolerance	projection	product family
		ISO 1302 <input checked="" type="checkbox"/>	ISO 406 ISO 1101		HPL 585
ltr	ecn no	dr	date	title	
				MINITEK 1.27	
		angles	linear	mm	scale 1:1
		0°±2'	0.X±0.30		
			0.XX±0.20		
			0.XXX±0.10		
		dr	GRACE LIU	04/03/26	Amphenol FCI
		enr	GRACE LIU	04/03/26	20021311
		chr	L-Q LEI	04/03/26	sheet 2 of 3
		appd	TIM YAO	04/03/26	size A3
		type Product Customer Drawing			
sheet	revision	H			
index	sheet	2			

Amphenol FCI

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SCALE 4.0

RECOMMENDED PCB LAYOUT
LAYOUT TOLERANCE: ±0.05mm

20021311-X X X XX X X LF

- LEAD FREE
- PLATING (SEE TABLE 2)
- 1: GOLD FLASH AT CONTACT, 2.54µm MIN. MATTE TIN AT TAIL
- 2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL
- 3: 0.25GXT MIN. AT CONTACT, 2.54µm MIN.MATTE TIN AT TAIL
- 4: 0.25µm GOLD MIN. AT CONTACT, 2.54µm MIN.MATTE TIN AT TAIL
- 5: 0.25µm GOLD MIN. AT CONTACT, GOLD FLASH AT TAIL
- 6: 0.38GXT MIN. AT CONTACT, 2.54µm MIN.MATTE TIN AT TAIL
- 7: 0.38GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
- 8: 0.76GXT MIN. AT CONTACT, 2.54µm MIN.MATTE TIN AT TAIL
- 9: 0.76GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
- PACKING STYLE
- T: TUBE
- PIN COUNT: (SEE TABLE 1)
- 06, 08, 10, ..., 98, A0
- (6 - 10 EVERY EVEN PIN)
- TAIL LENGTH (DIM.A):
- 0: 2.40mm
- 1: 1.78mm
- RESIN:
- 0: HIGH TEMPERATURE PLASTIC, BLACK
- POST:
- 0: WITHOUT POST



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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
H				angles linear	MINITEK 1.27
				0°±2'	scale 1:1
				dr GRACE LIU 04/03/26	dwg no sheet 3 of 3 size
				enr GRACE LIU 04/03/26	20021311 A3
				chr L-Q LEI 04/03/26	type Product Customer Drawing
				appd TIM YAO 04/03/26	
sheet index	revision sheet	H			
	3				