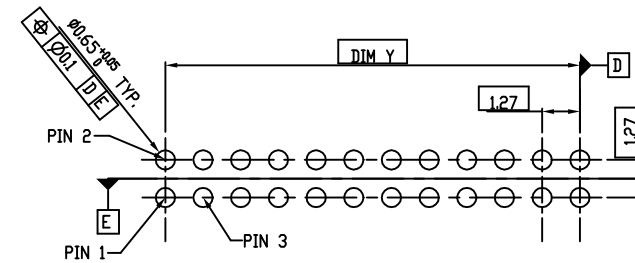
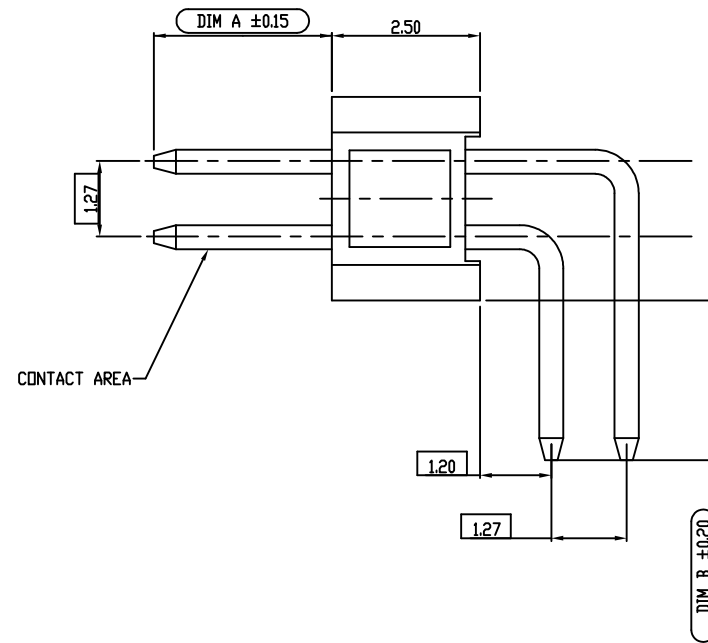
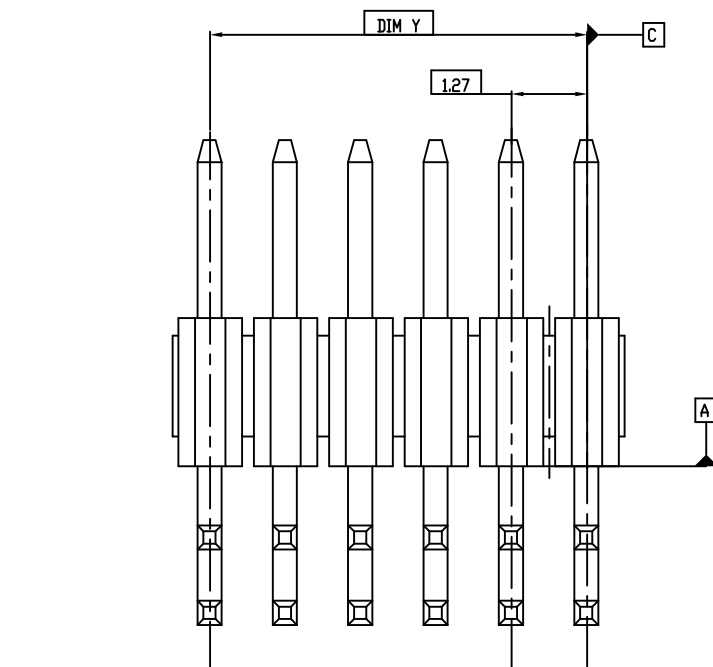
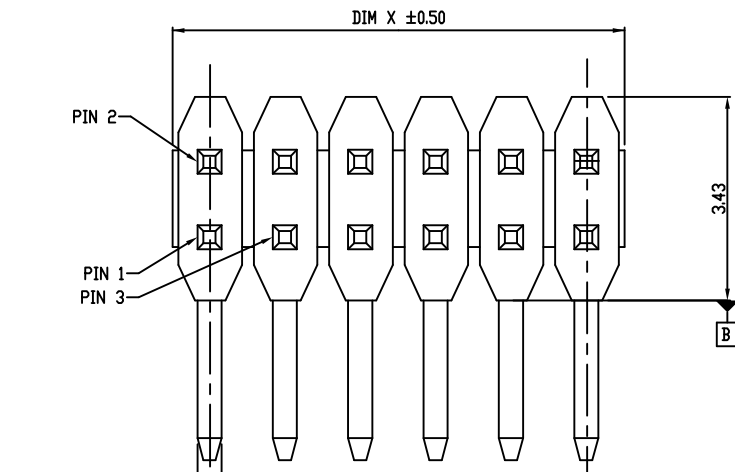


PART NO.
20021112



RECOMMENDED PCB LAYOUT

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101 ☒		projection 		product family MINITEK127®				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
F	ELX-N-23548	TIM	03/21/16	angles		.0±.30				UNSHROUDED HDR RA TH				
G	ELX-N-26146	TONY	02/22/16	linear		.00±.20								
				0±2°		.000±.10		scale 1:1						
				dr		ZK HU		08/01/12		dwg no		sheet 1 of 3		size
				engr		ZK HU		08/01/12		Amphenol FCi		20021112		A3
				chr		BIAN RICK		08/01/12						
				appd		BIAN RICK		08/01/12		type		Product Customer Drawing		
sheet index	revision		G	G	G									
	sheet		1	2	3									



Amphenol
FCI

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D

PART NO.	PDS.	DIM*X"	DIM*Y"
20021112-0XX04XXLF	2 X 2	2.54	2.54
20021112-0XX06XXLF	2 X 3	3.81	2.54
20021112-0XX08XXLF	2 X 4	5.08	3.81
20021112-0XX10XXLF	2 X 5	6.35	5.08
20021112-0XX12XXLF	2 X 6	7.62	6.35
20021112-0XX14XXLF	2 X 7	8.89	7.62
20021112-0XX16XXLF	2 X 8	10.16	8.89
20021112-0XX18XXLF	2 X 9	11.43	10.16
20021112-0XX20XXLF	2 X 10	12.70	11.43
20021112-0XX12XXLF	2 X 11	13.97	12.70
20021112-0XX24XXLF	2 X 12	15.24	13.97
20021112-0XX26XXLF	2 X 13	16.51	15.24
20021112-0XX28XXLF	2 X 14	17.78	16.51
20021112-0XX30XXLF	2 X 15	19.05	17.78
20021112-0XX32XXLF	2 X 16	20.32	19.05
20021112-0XX34XXLF	2 X 17	21.59	20.32
20021112-0XX36XXLF	2 X 18	22.86	21.59
20021112-0XX38XXLF	2 X 19	24.13	22.86
20021112-0XX40XXLF	2 X 20	25.40	24.13
20021112-0XX42XXLF	2 X 21	26.67	25.40
20021112-0XX44XXLF	2 X 22	27.94	26.67
20021112-0XX46XXLF	2 X 23	29.21	27.94
20021112-0XX48XXLF	2 X 24	30.48	29.21
20021112-0XX50XXLF	2 X 25	31.75	30.48

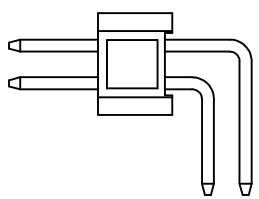
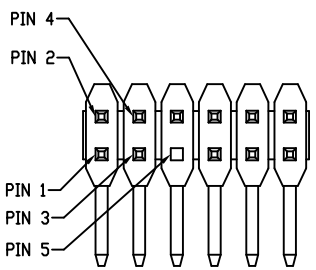
PART NO.	PDS.	DIM*X"	DIM*Y"
20021112-0XX52XXLF	2 X 26	33.02	31.75
20021112-0XX54XXLF	2 X 27	34.29	33.02
20021112-0XX56XXLF	2 X 28	35.56	34.29
20021112-0XX58XXLF	2 X 29	36.83	35.56
20021112-0XX60XXLF	2 X 30	38.10	36.83
20021112-0XX62XXLF	2 X 31	39.37	38.10
20021112-0XX64XXLF	2 X 32	40.64	39.37
20021112-0XX66XXLF	2 X 33	41.91	40.64
20021112-0XX68XXLF	2 X 34	43.18	41.91
20021112-0XX70XXLF	2 X 35	44.45	43.18
20021112-0XX72XXLF	2 X 36	45.72	44.45
20021112-0XX74XXLF	2 X 37	46.99	45.72
20021112-0XX76XXLF	2 X 38	48.26	46.99
20021112-0XX78XXLF	2 X 39	49.53	48.26
20021112-0XX80XXLF	2 X 40	50.80	49.53
20021112-0XX82XXLF	2 X 41	52.07	50.80
20021112-0XX84XXLF	2 X 42	53.34	52.07
20021112-0XX86XXLF	2 X 43	54.61	53.34
20021112-0XX88XXLF	2 X 44	55.88	54.61
20021112-0XX90XXLF	2 X 45	57.15	55.88
20021112-0XX92XXLF	2 X 46	58.42	57.15
20021112-0XX94XXLF	2 X 47	59.69	58.42
20021112-0XX96XXLF	2 X 48	60.96	59.69
20021112-0XX98XXLF	2 X 49	62.23	60.96
20021112-0XXA0XXLF	2 X 50	63.50	62.23

NOTES:
1.MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0 BLACK.
TERMINAL: COPPER ALLOY
2.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER
OR VAPOR PHASE REFLOW OVEN.
3.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
4.PRODUCT SPEC: GS-12-629
5.PACKAGE SPEC: GS-14-1420

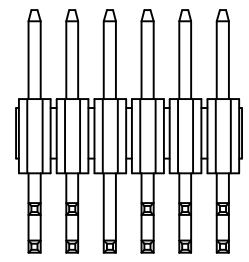
20021112- 0 X X XX X X LF

LEAD FREE
PLATING OPTIONAL
1: GOLD FLASH AT CONTACT, 1.27um MIN. MATTE TIN AT TAIL
2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL
4: 0.25um Au MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL
5: 0.25um Au MIN. AT CONTACT, GOLD FLASH AT TAIL
6: 0.38um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL
7: 0.38um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
8: 0.76um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL
9: 0.76um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
PACKING STYLE
T: TUBE
PIN NO. SEE TABLE
TAIL LENGTH(DIM*B")
0: 2.70MM (FOR 2.0MM PCB)
1: 1.60MM (FOR 1.0MM PCB)
2: 2.30MM (FOR 1.6MM PCB)
MATING LENGTH(DIM*A")
0: 3.05MM
SELECTED LOADED
0: FULL LOADED,OTHER SEE SHEET 3

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family MINITEK127®			
ltr	ecn no	dr	date	tolerances unless specified	linear	mm	title UNSHROUDED HDR RA TH			
				angles						
				0±2°		scale 1:1				
				dr	ZK HU	08/01/12	dwg no			
				engr	ZK HU	08/01/12	sheet 2 of 3			
				chr	BIAN RICK	08/01/12	20021112			
				appd	BIAN RICK	08/01/12	type Product Customer Drawing			
sheet index	revision sheet									



PART NO.	AMOUNT OF PINS	PIN FREE LOADED
20021112-1XXXXXXLF	13	PIN 5



mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	MINITEK127®			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
				angles			UNSHROUDED HDR RA TH			
				linear						
				0°±2'			scale 1:1			
				dr	ZK HU	08/01/12	dwg no			
				engr	ZK HU	08/01/12	sheet3 of 3			
				chr	BIAN RICK	08/01/12	20021112			
				appd	BIAN RICK	08/01/12	type Product Customer Drawing			
sheet index	revision sheet									