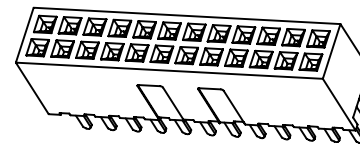
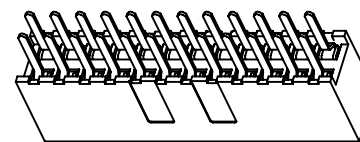
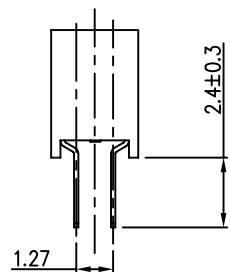
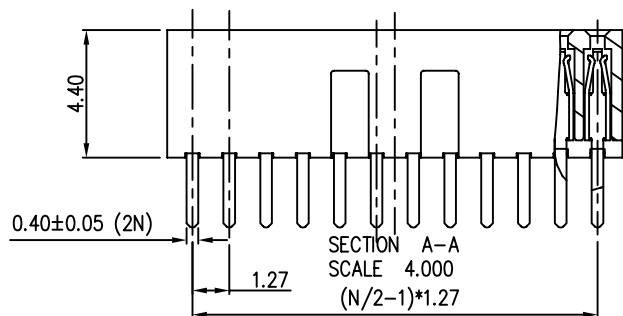
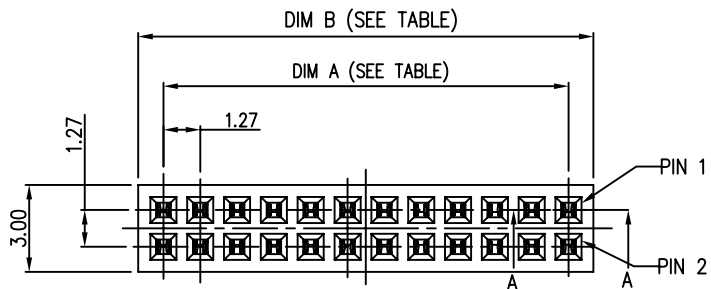
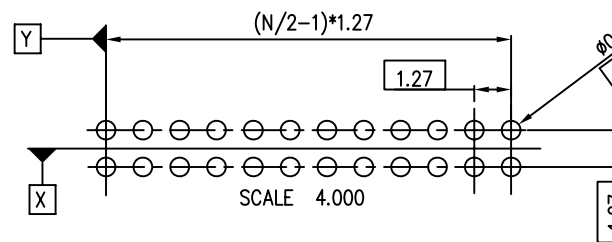


PART NO.
20021311



SCALE 3.000



RECOMMENDED PCB LAYOUT
LAYOUT TOLERANCE= ±0.05mm

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101	MINITEK127®	
ltr	ecn no	dr	date	title	
E	ELX-N-23548	TIM	03/21/16	RECEPTACLE VT TH	
		angles	.0±.30	mm	scale 1:1
		linear	.00±.20		
		0°±2'	.000±.10		
		dr	ANDY ZHANG	10/29/12	dwg no
		eng	ANDY ZHANG	10/29/12	sheet 1 of 3
		chr	BIAN RICK	10/29/12	size
		app	BIAN RICK	10/29/12	A3
sheet		revision	E	E	E
index		sheet	1	2	3

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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

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

Amphenol FCI

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mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance	projection	product family	
ltr		ecn no	dr	date	tolerances unless otherwise specified	MINITEK127®	
E					angles	title	
					linear	RECEPTACLE VT TH	
					0±2'	mm	
					.0±.30	scale 1:1	
					.00±.20		
					.000±.10		
					dr ANDY ZHANG 10/29/12	dwg no sheet 2 of 3 size	
					engr ANDY ZHANG 10/29/12	20021311 A3	
					chr BIAN RICK 10/29/12	type Product Customer Drawing	
					app BIAN RICK 10/29/12		
sheet index	revision sheet						

NOTES:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.
TERMINAL: PHOSPHOR BRONZE.
2. FINISH:
TERMINAL: GOLD OR GXT PLATING AT CONTACT AREA (SEE TABLE);
2.54um/100u" MIN MATTE TIN OR GOLD FLASH AT SOLDER TAIL AREA;
1.27um/50u" MIN Ni OVER ALL AS UNDERPLATIN
3. PRODUCT SPEC PER GS-12-629;
4. PACKAGE SPEC PER GS-14-1420;
5. RECOMMENDED PCB THICKNESS IS 1.6MM.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260~C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
7. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. PART NUMBER DESCRIPTION:

20021311 - X X X XX X X LF

- LEAD FREE
- PLATING(SEE TABLE 2)
 - 1: GOLD FLASH AT CONTACT, 2.54um MIN. MATTE TIN AT TAIL
 - 2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL
 - 4: 0.25um Au MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL
 - 5: 0.25um Au MIN. AT CONTACT, GOLD FLASH AT TAIL
 - 6: 0.38um GXT MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL
 - 7: 0.38um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
 - 8: 0.76um GXT MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL
 - 9: 0.76um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL
- PACKAGE:
T: TUBE
PIN COUNT: (SEE TABLE 1)
06, 08, 10, ..., 98, A0
(6 - 100 EVERY EVEN PIN)
TAIL LENGTH:
0: 2.40MM
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	MINITEK127®	
ltr	ecn no	dr	date	title	
E				RECEPTACLE VT TH	
		angles	.0±.30	mm	
		linear	.00±.20	scale 1:1	
		0'±2'	.000±.10		
		dr	ANDY ZHANG	10/29/12	dwg no
		eng	ANDY ZHANG	10/29/12	sheet 3 of 3
		chr	BIAN RICK	10/29/12	size
		app	BIAN RICK	10/29/12	A3
sheet	revision				type
index	sheet				Product Customer Drawing