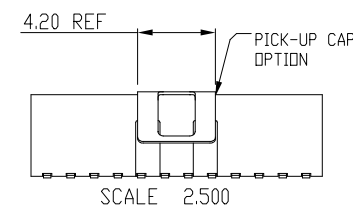
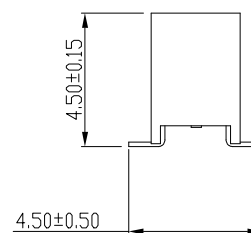
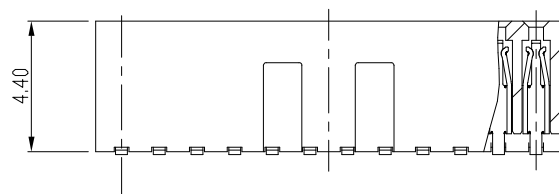
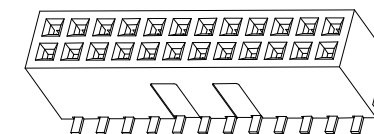
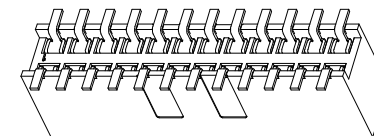
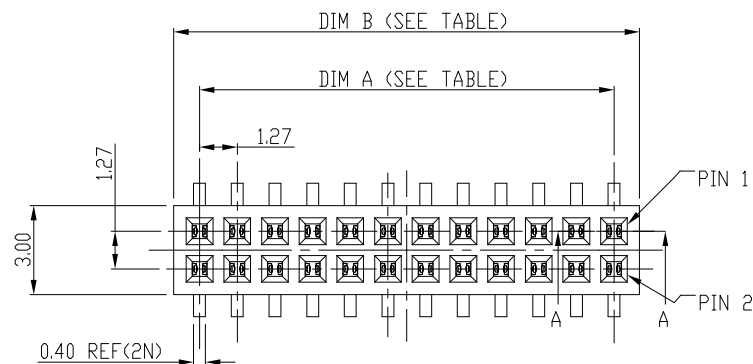
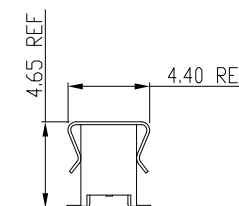





PART NO.

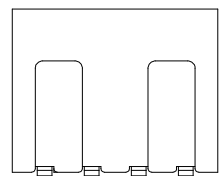
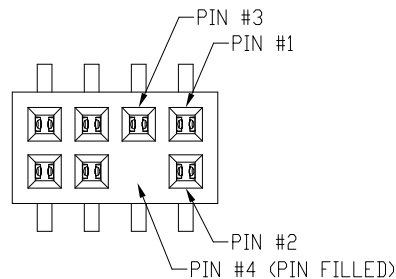
20021321



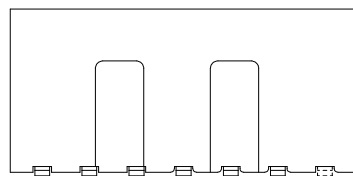
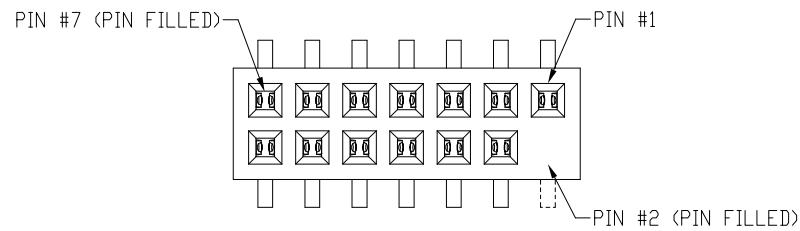
WITH CAP OPTION



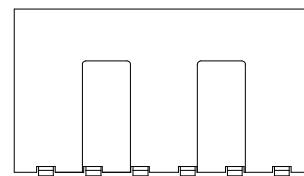
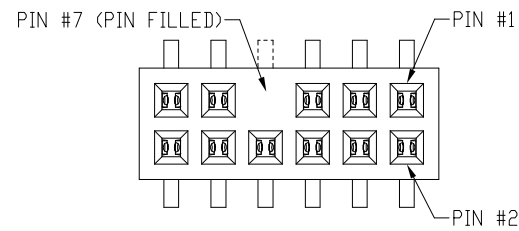
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK127®			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles				title			
M	ELX-N-24544	TONY	07/21/16			.0±.30				RECEPTACLE VT SMT			
N	ELX-N-26833	TONY	03/14/17	linear		.00±.20							
P	ELX-N-29534	TONY	03/13/18	0°±2°		.000±.10		scale 1:1					
R	ELX-N-38519-1	YY	10/10/20	dr	Tony Leng	07/19/16			dwg no		sheet 1 of 4	size	
				engr	Y-Y Bao	10/10/20			20021321		A3		
				chr	L-Q Lei	10/10/20							
				appd	Tim Yao	10/10/20							
sheet index	revision	R								type	Product	Customer	Drawing
	sheet	1											



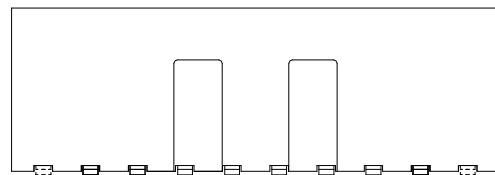
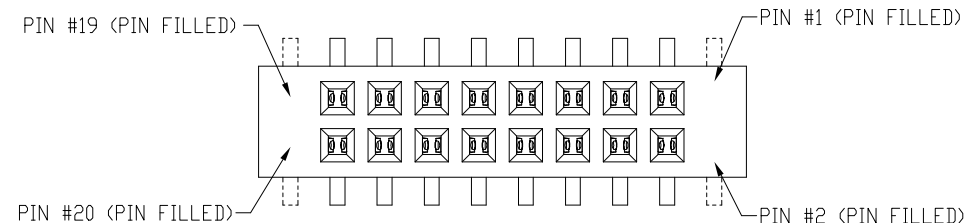
P/N: 20021321-X0108XXLF



P/N: 20021321-X0214XXLF / 20021321-X0206XXLF






P/N: 20021321-X0312XXLF

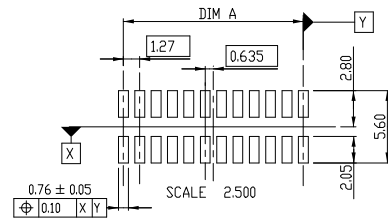


P/N: 20021321-X0420XXLF

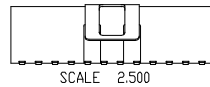
TABLE 3

DASH NO.	AMOUNT OF PINS	PIN FILLED
-X0108XXLF	7	PIN #4
-X0214XXLF	13	PIN #2
-X0206XXLF	5	PIN #2
-X0312XXLF	11	PIN #7
-X0420XXLF	16	PIN #1, #2, #19, #20

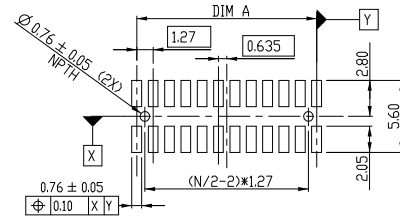
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 1101		product family MINITEK127®				
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title				
					angles	linear	.0±.30			RECEPTACLE VT SMT				
							.00±.20							
					0°±2'		.000±.10	scale 1:1						
					dr	Tony Leng	07/19/16			dwg no		sheet2 of 4	size	
					engr	Y-Y Bao	10/10/20			20021321		A3		
					chr	L-Q Lei	10/10/20							
					appd	Tim Yao	10/10/20							
sheet index		revision		R						type		Product	Customer	Drawing
		sheet		2										



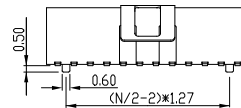
RECOMMENDED PCB LAYOUT - WITHOUT POST  
LAYOUT TOLERANCE =  $\pm 0.05\text{mm}$



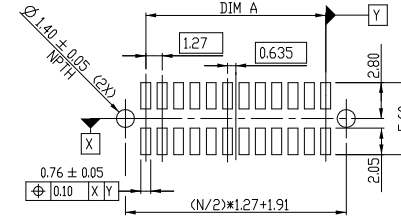
WITHOUT POST,  
P/N: 20021321-0XXXXXL



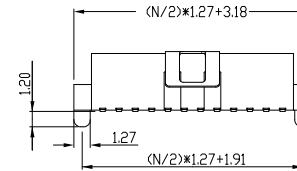
RECOMMENDED PCB LAYOUT - POST STYLE 1,  
LAYOUT TOLERANCE =  $\pm 0.05\text{mm}$



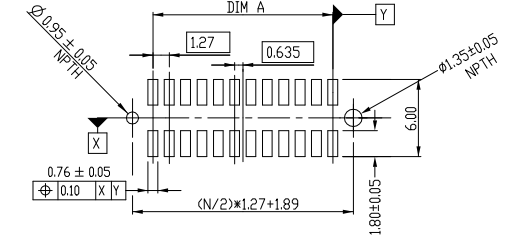
WITH POST STYLE 1,  
P/N: 20021321-1XXXXXL



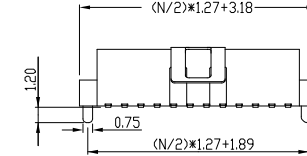
RECOMMENDED PCB LAYOUT - POST STYLE 2,  
LAYOUT TOLERANCE =  $\pm 0.05\text{mm}$



WITH POST STYLE 2,  
P/N: 20021321-2XXXXXL



RECOMMENDED PCB LAYOUT - POST STYLE 3,  
LAYOUT TOLERANCE =  $\pm 0.05\text{mm}$



WITH POST STYLE 3,  
P/N: 20021321-3XXXXXL

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	MINITEK127®			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	mm	title			
					angles		RECEPTACLE VT SMT			
					linear					
					0°±2°					
						scale 1:1				
					dr	Tony Leng	07/19/16	dwg no		
					engr	Y-Y Bao	10/10/20	sheet 3 of 4		
					chr	L-Q Lei	10/10/20	size		
					appd	Tim Yao	10/10/20	20021321		
								type		
								Product Customer Drawing		
sheet	revision	R								
index	sheet	3								

TABLE 1

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021321-X0X06XXLF	2 X 3	2.54	4.27
20021321-X0X08XXLF	2 X 4	3.81	5.54
20021321-X0X10XXLF	2 X 5	5.08	6.81
20021321-X0X12XXLF	2 X 6	6.35	8.08
20021321-X0X14XXLF	2 X 7	7.62	9.35
20021321-X0X16XXLF	2 X 8	8.89	10.62
20021321-X0X18XXLF	2 X 9	10.16	11.89
20021321-X0X20XXLF	2 X 10	11.43	13.16
20021321-X0X22XXLF	2 X 11	12.7	14.43
20021321-X0X24XXLF	2 X 12	13.97	15.7
20021321-X0X26XXLF	2 X 13	15.24	16.97
20021321-X0X28XXLF	2 X 14	16.51	18.24
20021321-X0X30XXLF	2 X 15	17.78	19.51
20021321-X0X32XXLF	2 X 16	19.05	20.78
20021321-X0X34XXLF	2 X 17	20.32	22.05
20021321-X0X36XXLF	2 X 18	21.59	23.32
20021321-X0X38XXLF	2 X 19	22.86	24.59
20021321-X0X40XXLF	2 X 20	24.13	25.86
20021321-X0X42XXLF	2 X 21	25.4	27.13
20021321-X0X44XXLF	2 X 22	26.67	28.4
20021321-X0X46XXLF	2 X 23	27.94	29.67
20021321-X0X48XXLF	2 X 24	29.21	30.94
20021321-X0X50XXLF	2 X 25	30.48	32.21
20021321-X0X52XXLF	2 X 26	31.75	33.48
20021321-X0X54XXLF	2 X 27	33.02	34.75
20021321-X0X56XXLF	2 X 28	34.29	36.02
20021321-X0X58XXLF	2 X 29	35.56	37.29
20021321-X0X60XXLF	2 X 30	36.83	38.56
20021321-X0X62XXLF	2 X 31	38.1	39.83
20021321-X0X64XXLF	2 X 32	39.37	41.1
20021321-X0X66XXLF	2 X 33	40.64	42.37
20021321-X0X68XXLF	2 X 34	41.91	43.64

PRODUCT NO.	POSITIONS	DIM. A	DIM. B
20021321-X0X70XXLF	2 X 35	43.18	44.91
20021321-X0X72XXLF	2 X 36	44.45	46.18
20021321-X0X74XXLF	2 X 37	45.72	47.45
20021321-X0X76XXLF	2 X 38	46.99	48.72
20021321-X0X78XXLF	2 X 39	48.26	49.99
20021321-X0X80XXLF	2 X 40	49.53	51.26
20021321-X0X82XXLF	2 X 41	50.8	52.53
20021321-X0X84XXLF	2 X 42	52.07	53.8
20021321-X0X86XXLF	2 X 43	53.34	55.07
20021321-X0X88XXLF	2 X 44	54.61	56.34
20021321-X0X90XXLF	2 X 45	55.88	57.61
20021321-X0X92XXLF	2 X 46	57.15	58.88
20021321-X0X94XXLF	2 X 47	58.42	60.15
20021321-X0X96XXLF	2 X 48	59.69	61.42
20021321-X0X98XXLF	2 X 49	60.96	62.69
20021321-X0XA0XXLF	2 X 50	62.23	63.96

## NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.  
TERMINAL: PHOSPHOR BRONZE.  
CAP: STAINLESS STEEL.
- FINISH:  
TERMINAL: GOLD OR GXT PLATING AT CONTACT AREA (SEE TABLE);  
GOLD FLASH OR 2.54um/100u" MIN MATTE TIN  
AT SOLDER TAIL AREA;  
1.27um/50u" MIN NI OVER ALL AS UNDERPLATING.
- PRODUCT SPEC PER GS-12-629.
- PACKAGE SPEC PER GS-14-1420.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY  
REGULATIONS AS DESCRIBED IN GS-22-008.
- THE METAL CAP IS OPTION AS CUSTOMER REQUIREMENT.

## PART NUMBER DESCRIPTION:

20021321 - X 0 X X X X X LF

## LEAD FREE

PLATING(SEE TABLE 2)

- GOLD FLASH ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 10u" Au ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 10u" Au ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 15u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 15u" GXT ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 30u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 30u" GXT 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 ISO 1302 ✓		tolerance ISO 406 ISO		projection 1101 		product family MINITEK127®												
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title		RECEPTACLE VT SMT											
					angles		linear		.0±.30													
					0°±2'				.00±.20													
									.000±.10		scale 1:1											
				dr		Tony Leng		07/19/16				dwg no		sheet4 of 4		size						
				engr		Y-Y Bao		10/10/20				20021321		A3								
				chr		L-Q Lei		10/10/20														
				appd		Tim Yao		10/10/20				type		Product		Customer		Drawing				
sheet index		revision sheet		R		4																