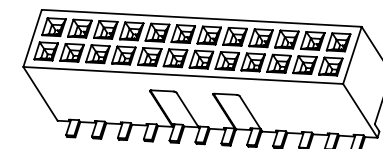
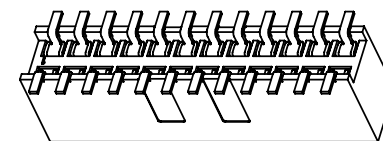
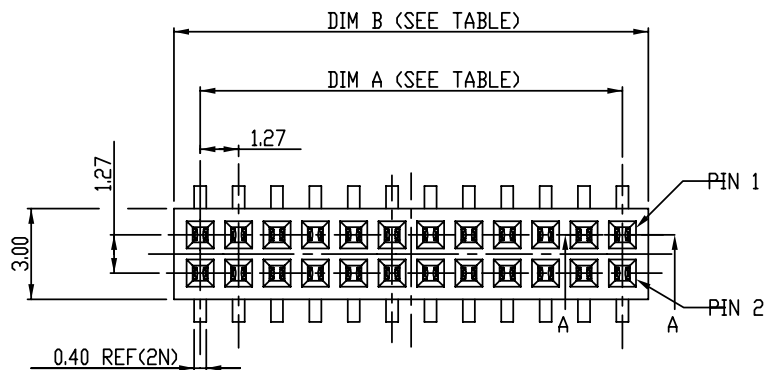
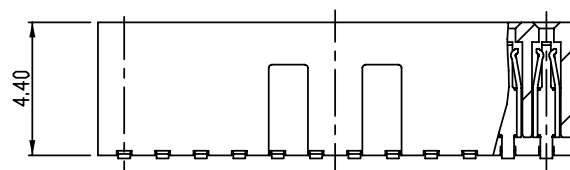
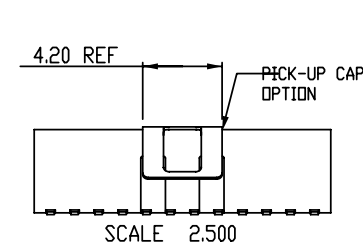
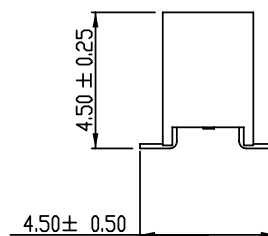


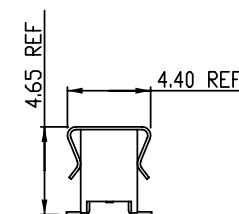
20021321



SCALE 3.000

SECTION A-A
SCALE 4.000

WITH CAP OPTION



spec ref				dr	ANDY ZHANG	2012-09-28	projection 	MM 	size	A4	scale	4.000
tolerance std				eng	ANDY ZHANG	2012-09-28			ecn no ELX-N-17720			
ISO406 ISO1101				chr	RICK BIAN	2012-09-28			rel level			
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr	RICK BIAN	2012-09-28	product family			-		
surface - ✓ ISO1302	linear	0.X	±0.30		title	MINITEK 127 RECEPTACLE VT SMT			dwg no	20021321		rev K
		0.XX	±0.20									
		0.XXX	±0.10									
angular		0~	±2°	www.fci.com		cat. no.	-	Product - Customer Drw			sheet 1 of 4	

Pro/E File - REV C - 2009-06-09

PDS: Rev :K

STATUS:Released

Printed: May 30, 2014

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4

A

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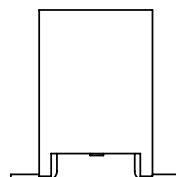
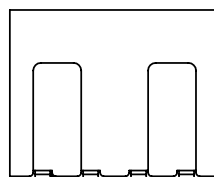
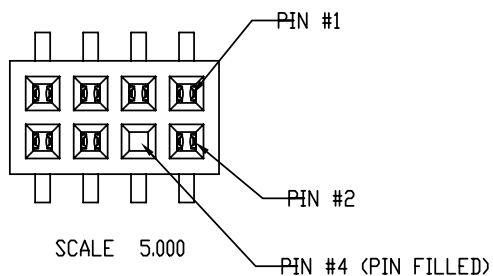
D

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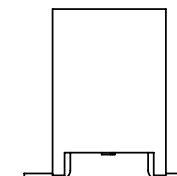
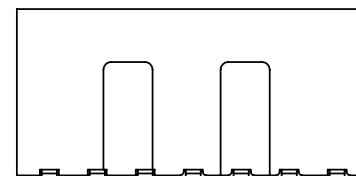
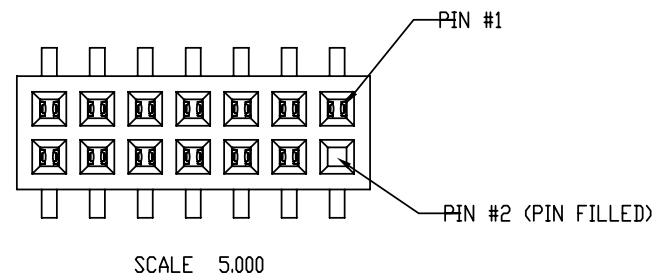
D



P/N: 20021321-XX108XXLF

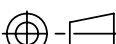
TABLE 3

DASH NO.	AMOUNT OF PINS	PIN FILLED
-XX108XXLF	7	PIN #4
-XX214XXLF	13	PIN #2
-XX206XXLF	5	PIN #2



P/N:

20021321-XX214XXLF / 20021321-XX206XXLF

spec ref				dr	ANDY ZHANG		2012-09-28		projection 	MM 	size	A4	scale	1.000			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	ANDY ZHANG		2012-09-28				ecn no ELX-N-17720						
				chr	RICK BIAN		2012-09-28				rel level						
				appr	RICK BIAN		2012-09-28										
									product family				-				
surface ✓ ISO1302	linear	0.X	±0.30			title	MINITEK 127 RECEPTACLE					dwg no	20021321				rev
		0.XX	±0.20														
		0.XXX	±0.10														
		angular	0~	±2°		www.fci.com		cat. no.		-	Product - Customer Drw				sheet 2 of 4		

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PDS: Rev :K

STATUS:Released

Printed: May 30, 2014

1

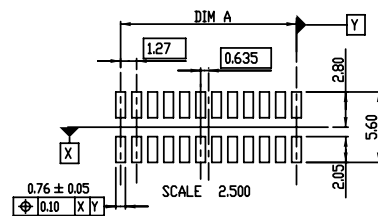
2

3

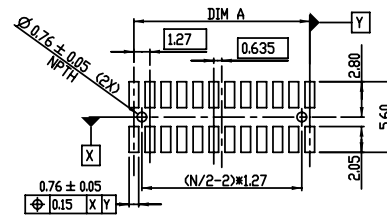
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A

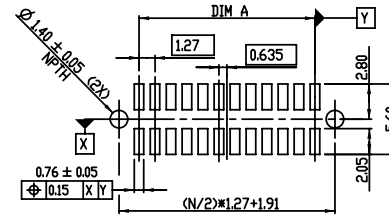
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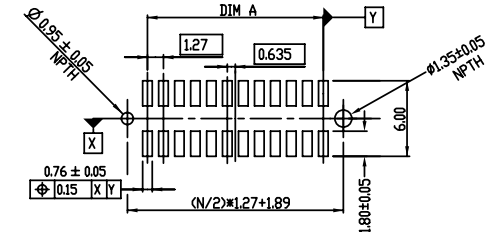
RECOMMENDED PCB LAYOUT - WITHOUT POST
LAYOUT TOLERANCE= ±0.05mm



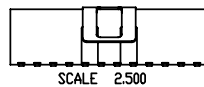
RECOMMENDED PCB LAYOUT - POST STYLE 1,
LAYOUT TOLERANCE= ±0.05mm



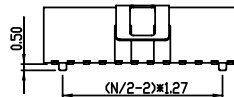
RECOMMENDED PCB LAYOUT - POST STYLE 2,
LAYOUT TOLERANCE= ±0.05mm



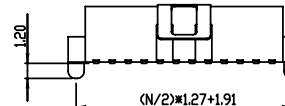
RECOMMENDED PCB LAYOUT - POST STYLE 3,
LAYOUT TOLERANCE= ±0.05mm



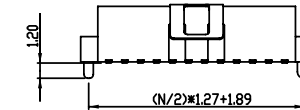
WITHOUT POST,
P/N: 20021321-0XXXXXXLF



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



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



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

B

B

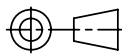
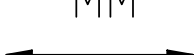
C

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D

D

spec ref				dr	ANDY ZHANG	2012-09-28			size	A4	scale	1.000
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	ANDY ZHANG	2012-09-28			ecn no ELX-N-17720			
				chr	RICK BIAN	2012-09-28			rel level			
				appr	RICK BIAN	2012-09-28						
product family							-					

surface 	linear	0.X	±0.30		title	MINITEK 127 RECEPTACLE	dwg no	20021321	rev	K
		0.XX	±0.20							
		0.XXX	±0.10							
ISO1302	angular	0~	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 4

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PDS: Rev :K

STATUS:Released

Printed: May 30, 2014

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:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.
TERMINAL: PHOSPHOR BRONZE.
CAP: STAINLESS STEEL.
2. 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.
3. PRODUCT SPEC PER GS-12-629.
4. PACKAGE SPEC PER GS-14-1420.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260~C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED
OR VAPOR PHASE REFLOW OVEN.
6. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
7. 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)

- 1: GOLD FLASH ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 2: GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 4: 10u" Au ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 5: 10u" Au ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 6: 15u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 7: 15u" GXT ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 8: 30u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 9: 30u" GXT ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL

PACKAGE:

- 1: TUBE
- 2: TUBE + CAP
- 3: TAPE & REEL + CAP

PIN COUNT: (SEE TABLE 1)

- 06, 08, 10, ..., 96, 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

spec ref				dr	ANDY ZHANG	2012-09-28	projection	MM	size	A4	scale	1.000	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	ANDY ZHANG	2012-09-28			ecn no	ELX-N-17720			
				chr	RICK BIAN	2012-09-28							
				appr	RICK BIAN	2012-09-28						product family	
surface ✓ ISO1302	linear	0.X	±0.30		title	MINITEK 127 RECEPTACLE			dwg no	20021321		rev	K
		0.XX	±0.20										
		0.XXX	±0.10										
	angular	0~	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4			

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Authorized Distributor

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FCI / Amphenol:

<u>20021321-00020D8LF</u>	<u>20021321-10010T1LF</u>	<u>20021321-20060C8LF</u>	<u>20021321-10014C4LF</u>	<u>20021321-20080T1LF</u>
<u>20021321-30006C4LF</u>	<u>20021321-20070C4LF</u>	<u>20021321-10030C1LF</u>	<u>20021321-30020C4LF</u>	<u>20021321-10010C4LF</u>
<u>20021321-00008C8LF</u>	<u>20021321-10006C8LF</u>	<u>20021321-10018T1LF</u>	<u>20021321-10030D8LF</u>	<u>20021321-10034D8LF</u>
<u>20021321-20024C1LF</u>	<u>20021321-20024T1LF</u>	<u>20021321-30030C4LF</u>	<u>20021321-20010C1LF</u>	<u>20021321-30032C1LF</u>
<u>20021321-20024C4LF</u>	<u>20021321-10050T1LF</u>	<u>20021321-20026C1LF</u>		