

NOTE:
1. MATERIAL:
HOUSING: PA9T, UL94V-0, COLOR: BLACK
CONTACT: HIGH CONDUCTIVITY COPPER ALLOY.
2. CONTACT FINISH: NICKEL UNDERPLATED. OPTIONAL PLATING ON CONTACT AREA & SOLDER TAIL.
3. THIS PLUG MATES WITH FCI RECEPTACLE WIRE CONNECTOR 10132445.
4. PRODUCT SPECIFICATION: GS-12-1291.
5. PACKAGE SPECIFICATION: GS-14-2419.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 5 SECONDS IN A REFLOW OVEN.
7. PART NUMBER SCHEME:
10132450- XX X X X X L F

POS. CODE:
02: 2 POS
04: 4 POS
08: 8 POS
12: 12 POS
16: 16 POS
20: 20 POS
24: 24 POS

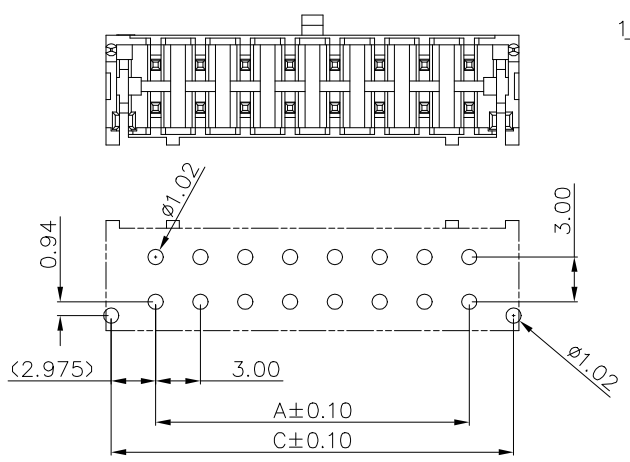
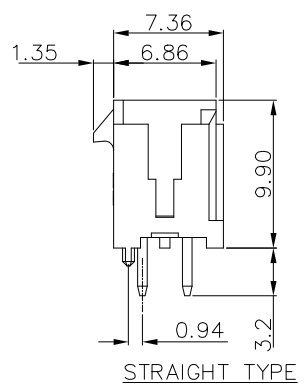
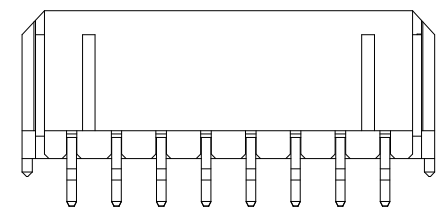
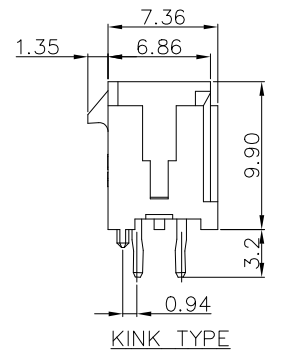
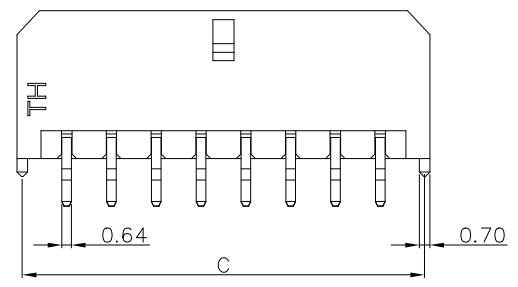
SOLDER TAIL:
BLANK: KINK
S: STRAIGHT

PACKAGE:
BLANK: TRAY
R: TAPE & REEL

HSG MATERIAL:
G: PA9T (GLOW WIRE COMPATIBLE)

HSG COLOR:
1: BLACK

PLATING CODE:
1: GOLD FLASH
2: TIN
4: 30u" GOLD PLATING



TOLERANCE: ±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

P/N & DIMENSION TABLE:

PART NO.	POS	A	B	C
10132450-02XXXXXL	2	--	6.65	5.95
10132450-04XXXXXL	4	3.00	9.65	8.95
10132450-06XXXXXL	6	6.00	12.65	11.95
10132450-08XXXXXL	8	9.00	15.65	14.95
10132450-10XXXXXL	10	12.00	18.65	17.95
10132450-12XXXXXL	12	15.00	21.65	20.95
10132450-14XXXXXL	14	18.00	24.65	23.95
10132450-16XXXXXL	16	21.00	27.65	26.95
10132450-18XXXXXL	18	24.00	30.65	29.95
10132450-20XXXXXL	20	27.00	33.65	32.95
10132450-22XXXXXL	22	30.00	36.65	35.95
10132450-24XXXXXL	24	33.00	39.65	38.95

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family	
ltr		ecn no		dr		date		MINITEK PWR3.0 HCC	
A		ELX-T-20639		TAI		2015-02-25		title	
B		ELX-T-24818		TAI		2016-08-26		MINITEK PWR3.0 V/T HEADER	
C		ELX-T-25770		TAI		2016-12-27		HIGH CURRENT	
D		ELX-N-28948		TONY		2017-01-04		dwg no	
E		ELX-N-30328		TONY		2018-05-30		sheet 1 of 2	
F				appd		PM ZHENG		size	
								A3	
sheet index		revision sheet		F 1		F 2		type Product Customer Drawing	



1

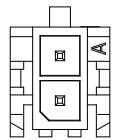
2 3

4

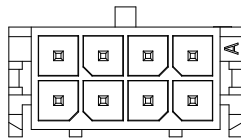
5

6

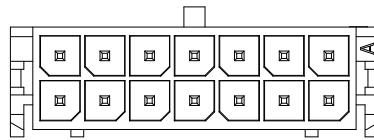
2 POS.



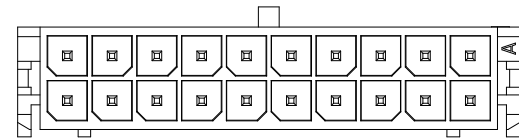
8 POS.



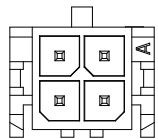
14 POS.



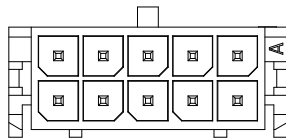
20 POS.



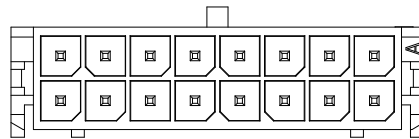
4 POS.



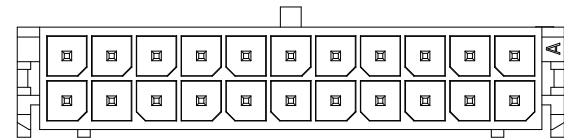
10 POS.



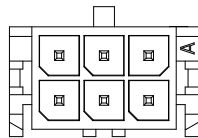
16 POS.



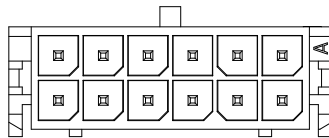
22 POS.



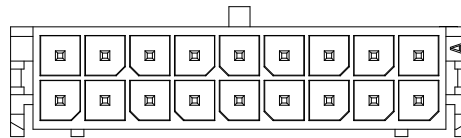
6 POS.



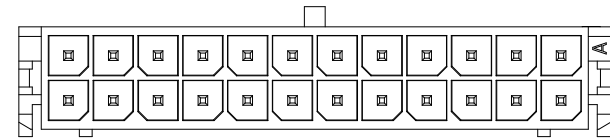
12 POS.



18 POS.



24 POS.



Amphenol FCI

© 2016 AFCI

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 1101		product family MINITEK PWR3.0 HCC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title MINITEK PWR3.0 V/T HEADER HIGH CURRENT			
				angles	linear	mm		dwg no 10132450 sheet 2 of 2 size A3			
				0°±3'		scale 1:1		type Product Customer Drawing			
		dr	KENNY TAI	2015-02-06							
		engr	KENNY TAI	2015-02-06							
		chr	KENNY TAI	2015-02-06							
		appd	PM ZHENG	2015-02-25							
sheet index	revision sheet	F 1	F 2								

1

2

5

6