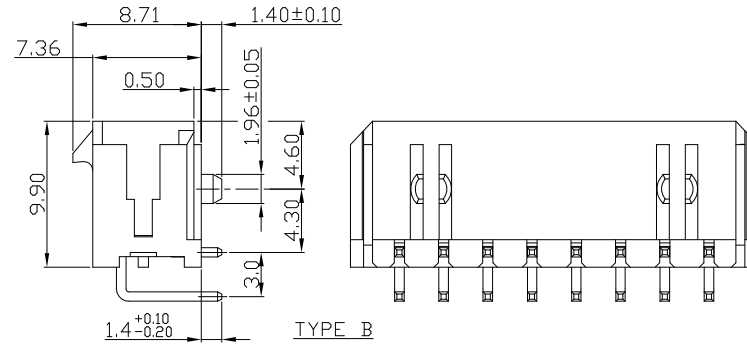
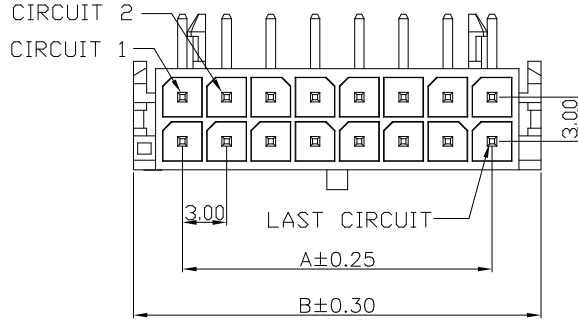


PRODUCT NUMBER
SEE PART NO. TABLE



- NOTE:
- MATERIAL:
HOUSING: HIGH TEMP NYLON, UL94V-0, HALOGEN FREE, COLOR: OPTIONAL
CONTACT: HIGH CONDUCTIVITY COPPER ALLOY.
 - CONTACT FINISH: NICKEL 50u" Min. UNDERPLATED OVERALL.
OPTIONAL PLATING ON CONTACT AREA, 100u" MATTE TIN ON SOLDER TAIL.
 - REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR.
 - PRODUCT SPECIFICATION: GS-12-1291.
 - PACKAGE SPECIFICATION: GS-14-2419.
 - APPLICATION SPECIFICATION: GS-20-0399
 - TAPE AND REEL PACKING: TYPE A--ONLY FOR 02 AND 06 POS.
TYPE B--FOR ALL POSITIONS
 - THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER
 - LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
 - PART NUMBER SCHEME:
AU10132449- XX X X X X L F

POS. CODE:
02: 2 POS
04: 4 POS
24: 24 POS

LEAD FREE
PACKAGING
BLANK: TRAY
T: TAPE & REEL (SEE NOTE 7)

TAIL LENGTH
BLANK: TYPE A
B: TYPE B

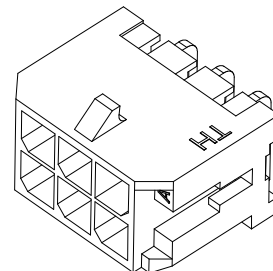
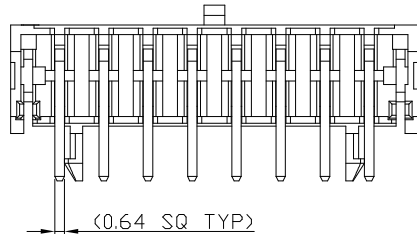
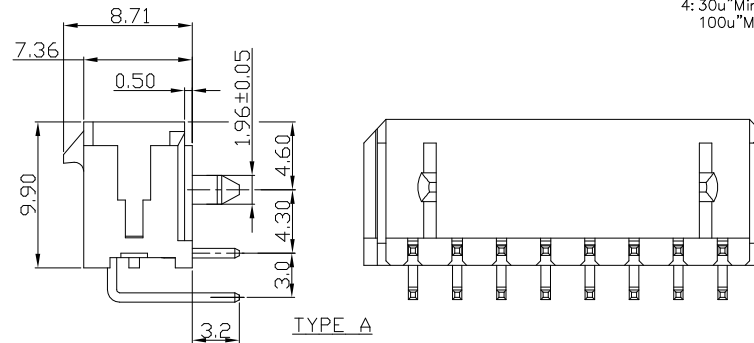
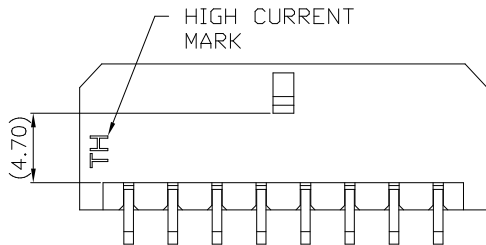
PLATING CODE:
1: GOLD FLASH OVERALL
2: 100u" Min. MATTE TIN OVERALL
4: 30u" Min GOLD ON CONTACT AREA,
100u" Min MATTE TIN ON TAIL

HSG MATERIAL:
G: HIGH TEMP NYLON (GLOW WIRE
COMPATIBLE)
HSG COLOR:
1: BLACK

12. 'AU' PREFIX AND '-' IN THE PART NUMBER LOGIC ARE OPTIONAL.
FOR ANY CLARIFICATION PLEASE CONTACT AFCI ENGINEERING

P/N & DIMENSION TABLE:

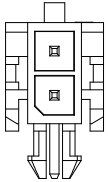
PART NO.	POS	A	B
10132449-02XXXXL F	2	--	6.65
10132449-04XXXXL F	4	3.00	9.65
10132449-06XXXXL F	6	6.00	12.65
10132449-08XXXXL F	8	9.00	15.65
10132449-10XXXXL F	10	12.00	18.65
10132449-12XXXXL F	12	15.00	21.65
10132449-14XXXXL F	14	18.00	24.65
10132449-16XXXXL F	16	21.00	27.65
10132449-18XXXXL F	18	24.00	30.65
10132449-20XXXXL F	20	27.00	33.65
10132449-22XXXXL F	22	30.00	36.65
10132449-24XXXXL F	24	33.00	39.65



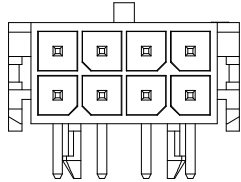
mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family MINITEK PWR3.0 HCC
ltr	ecn no	dr	date	title
A	TAI	2015-02-25		MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT
B	ELX-N-27539	TONY	2017-09-04	
C	ELX-I-38334	JJ	2020-09-16	
D	ELX-I-43460	AKHIL	2022-01-21	
tolerances unless otherwise specified angles linear 0°±x°				scale N.T.S. sheet 1 of 3 size 10132449 A3 type Product Customer Drawing
sheet index	revision sheet	D	D	D
		1	2	3

TYPE-A OUTLINE OF DIFFERENT PIN COUNTS

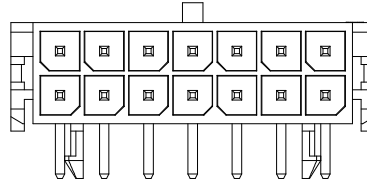
2 POS.



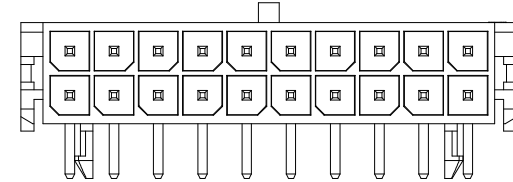
8 POS.



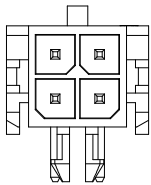
14 POS.



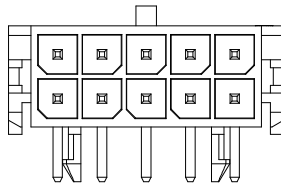
20 POS.



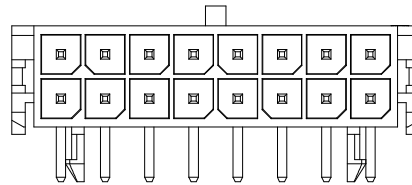
4 POS.



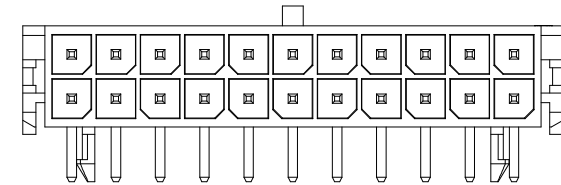
10 POS.



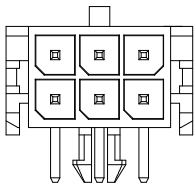
16 POS.



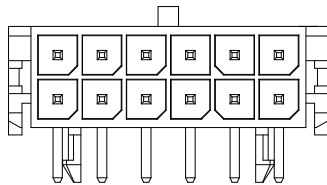
22 POS.



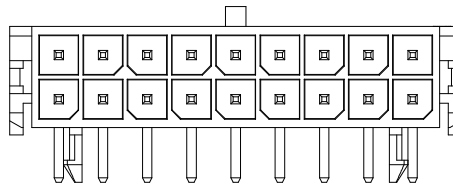
6 POS.



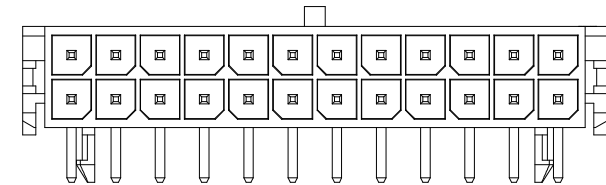
12 POS.



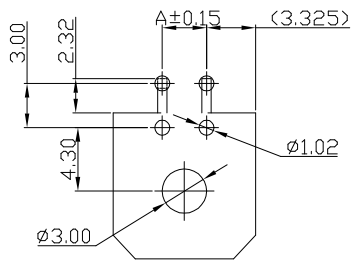
18 POS.



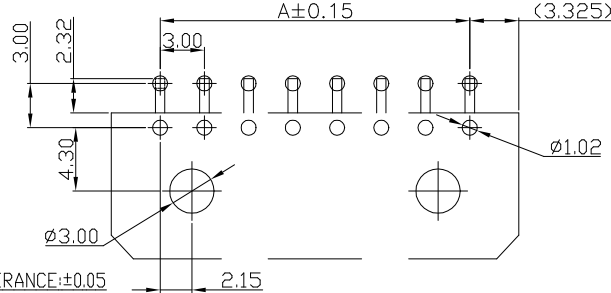
24 POS.



2~6 POS.



8~24 POS.

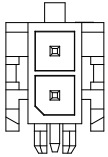


PCB THICKNESS=1.6mm. TOLERANCE:±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

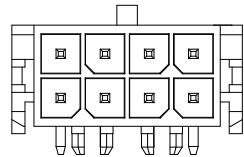
mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK PWR3.0 HCC	
ltr		ecn no		dr		date		title	
								MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT	
								dwg no	
								sheet 2 of 3	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet		D		D		D	
				1		2		3	

TYPE-B OUTLINE OF DIFFERENT PIN COUNTS

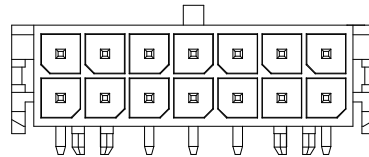
2 POS.



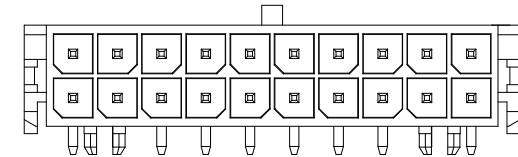
8 POS.



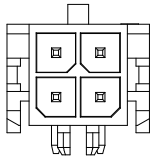
14 POS.



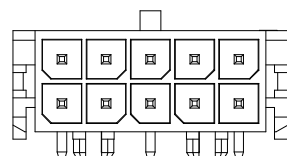
20 POS.



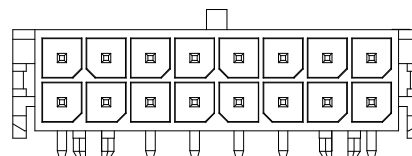
4 POS.



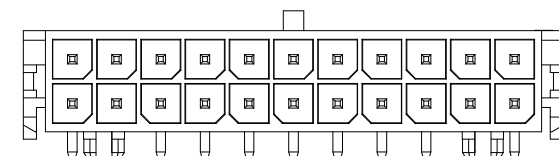
10 POS.



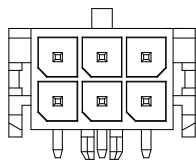
16 POS.



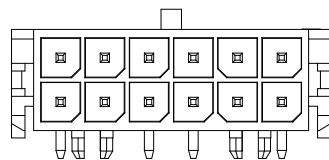
22 POS.



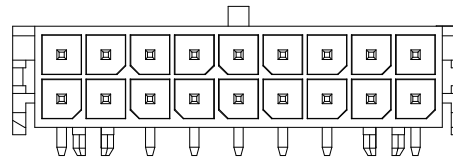
6 POS.



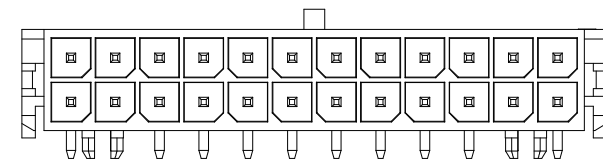
12 POS.



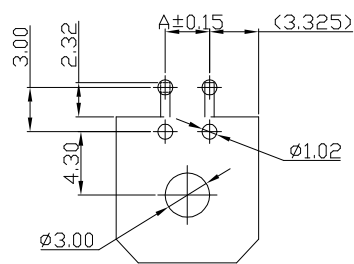
18 POS.



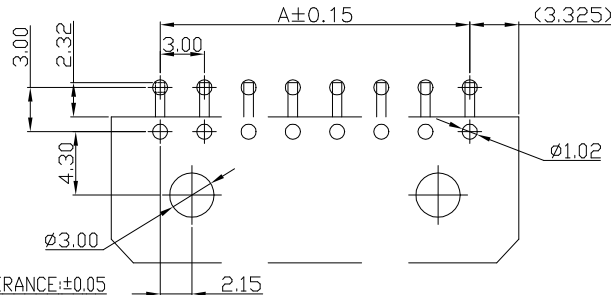
24 POS.



2~6 POS.



8~24 POS.



PCB THICKNESS=1.5mm. TOLERANCE:±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				MINITEK PWR3.0 HCC	
ltr		ecn no		dr		date		title	
								MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT	
								dwg no	
								sheet 3 of 3 size	
								10132449 A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet		D D D		D D D			
				1 2 3					