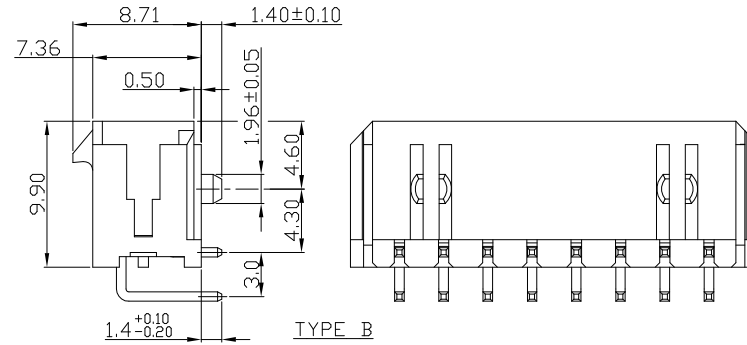
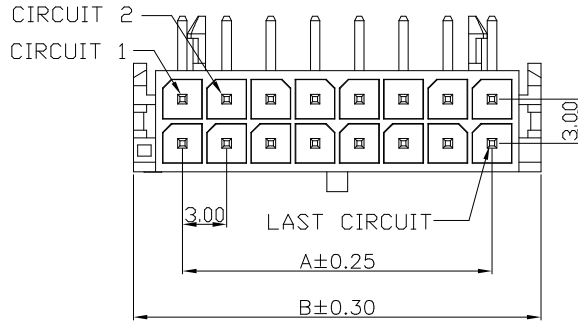


PRODUCT NUMBER
SEE PART NO. TABLE



- 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 X LF

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

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

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

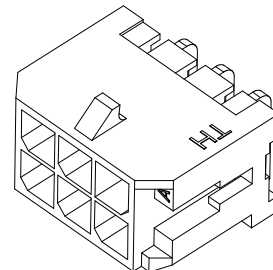
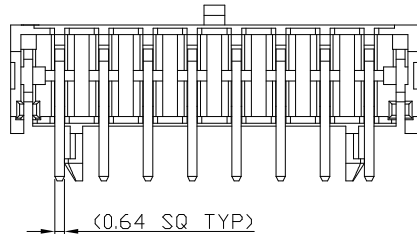
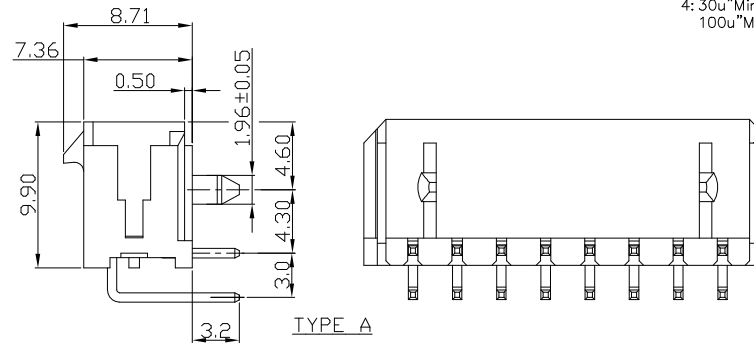
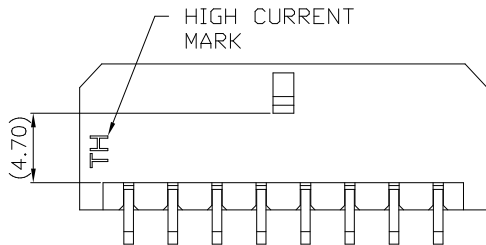
TAIL LENGTH
BLANK: TYPE A
B: TYPE B

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

- '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
10132449-02XXXXXLF	2	--	6.65
10132449-04XXXXXLF	4	3.00	9.65
10132449-06XXXXXLF	6	6.00	12.65
10132449-08XXXXXLF	8	9.00	15.65
10132449-10XXXXXLF	10	12.00	18.65
10132449-12XXXXXLF	12	15.00	21.65
10132449-14XXXXXLF	14	18.00	24.65
10132449-16XXXXXLF	16	21.00	27.65
10132449-18XXXXXLF	18	24.00	30.65
10132449-20XXXXXLF	20	27.00	33.65
10132449-22XXXXXLF	22	30.00	36.65
10132449-24XXXXXLF	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	tolerances unless otherwise specified
A	TAI	2015-02-25	angles	.0±.35
B	ELX-N-27539	TONY	2017-09-04	.00±.25
C	ELX-I-38334	JJ	2020-09-16	0°±x'
D	ELX-I-43460	AKHIL	2022-01-21	0°±x'
		enr	KENNY TAI	2015-02-03
		chr	AKHIL RAJAN	2022-01-21
		appd	MITHUN PAUL	2022-01-21
			SPK	2022-01-21
sheet index	revision sheet	D	D	D
		1	2	3



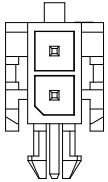
MINITEK PWR3.0 R/A DR HEADER
HIGH CURRENT

dwg no 10132449 sheet 1 of 3 size A3

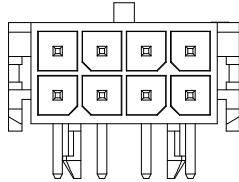
type Product Customer Drawing

TYPE-A OUTLINE OF DIFFERENT PIN COUNTS

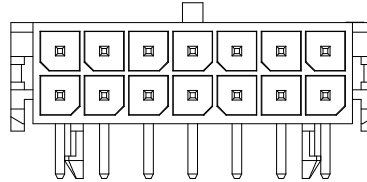
2 POS.



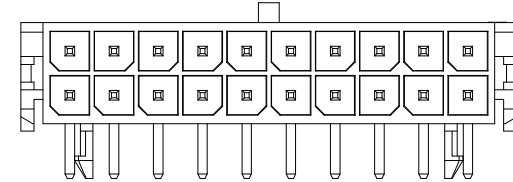
8 POS.



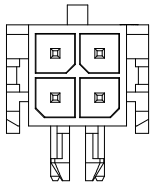
14 POS.



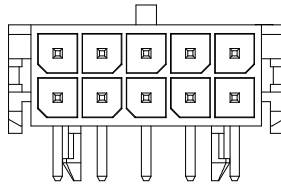
20 POS.



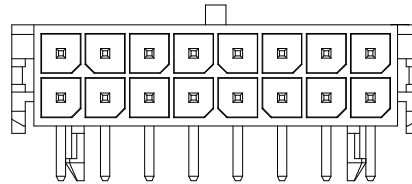
4 POS.



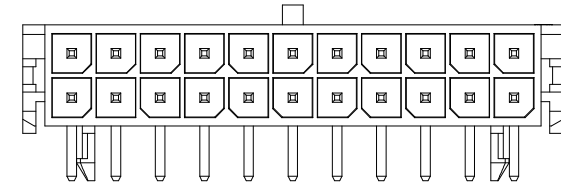
10 POS.



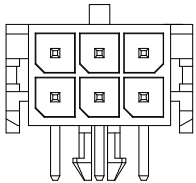
16 POS.



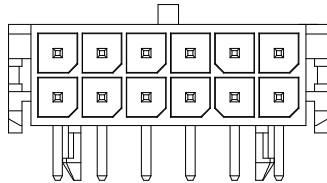
22 POS.



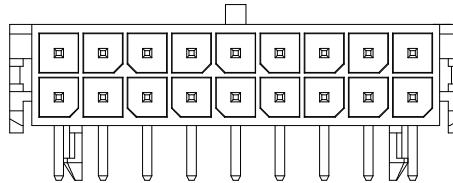
6 POS.



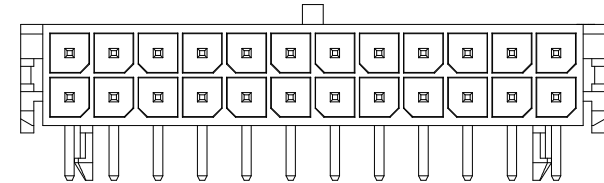
12 POS.



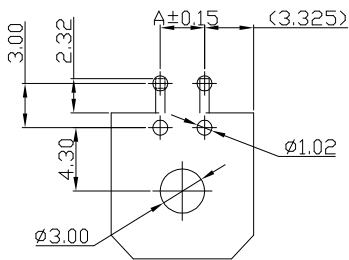
18 POS.



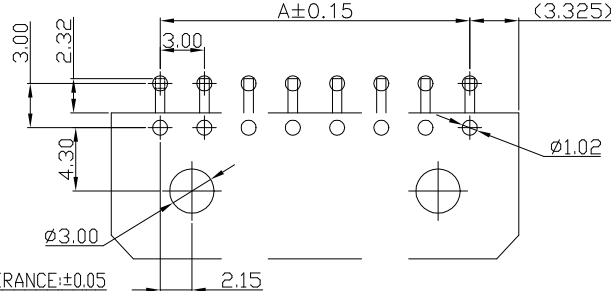
24 POS.



2~6 POS.



8~24 POS.

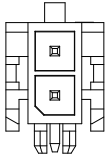


PCB THICKNESS=1.6mm. TOLERANCE:±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

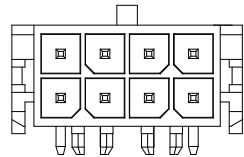
mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family MINITEK PWR3.0 HCC	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT	
				angles Linear 0°±x'		scale N.T.S.		dwg no 10132449	
				dr	KENNY TAI	2015-02-03	sheet 2 of 3		size A3
				enr	AKHIL RAJAN	2022-01-21	Amphenol FCi		
				chr	MITHUN PAUL	2022-01-21	type Product Customer Drawing		
				appd	SPK	2022-01-21			
sheet index	revision sheet	D 1	D 2	D 3					

TYPE-B OUTLINE OF DIFFERENT PIN COUNTS

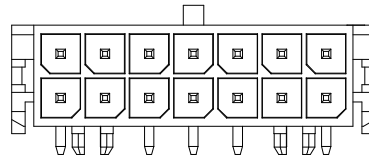
2 POS.



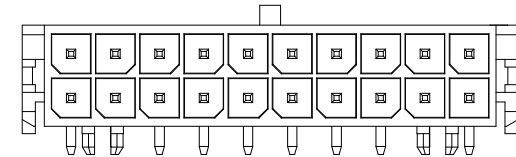
8 POS.



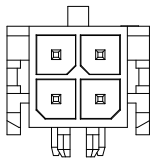
14 POS.



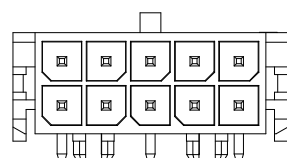
20 POS.



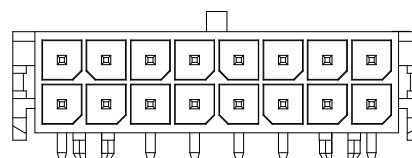
4 POS.



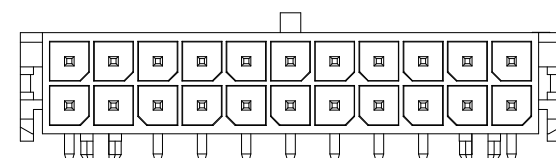
10 POS.



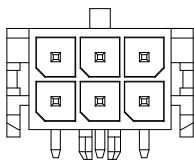
16 POS.



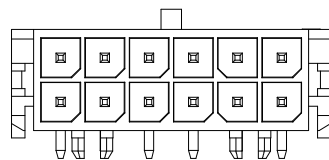
22 POS.



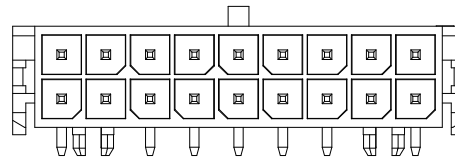
6 POS.



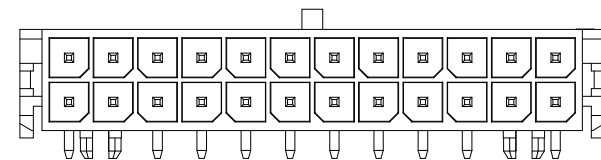
12 POS.



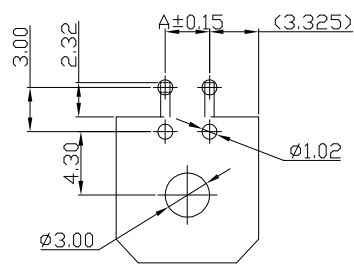
18 POS.



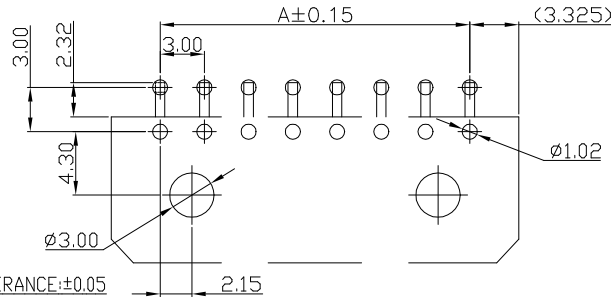
24 POS.



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	
								10132449	
								sheet 3 of 3	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet	revision	D	D	D					
index	sheet	1	2	3					