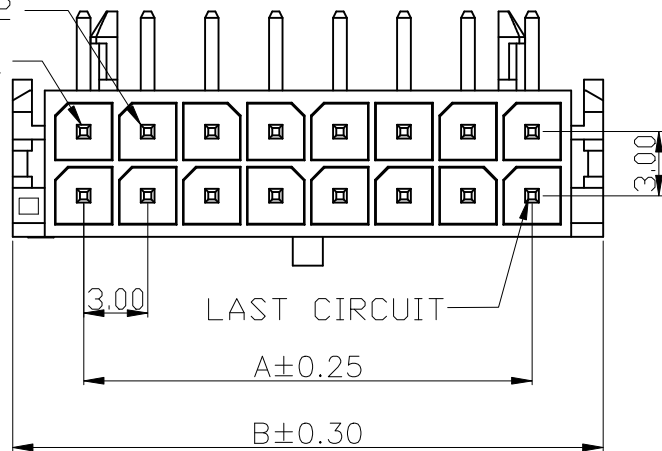


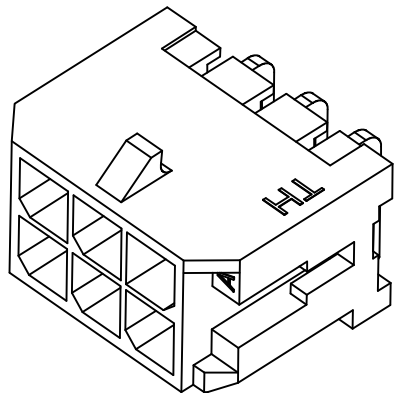
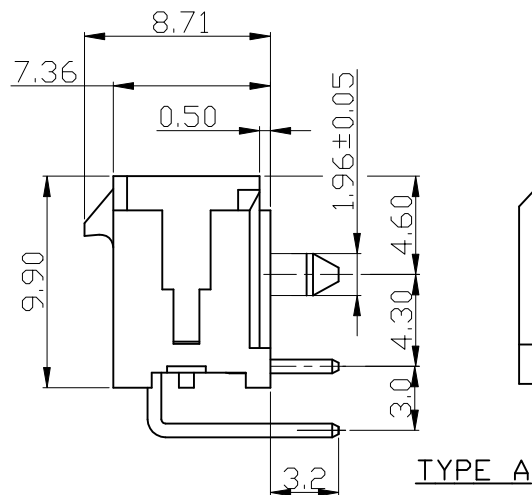
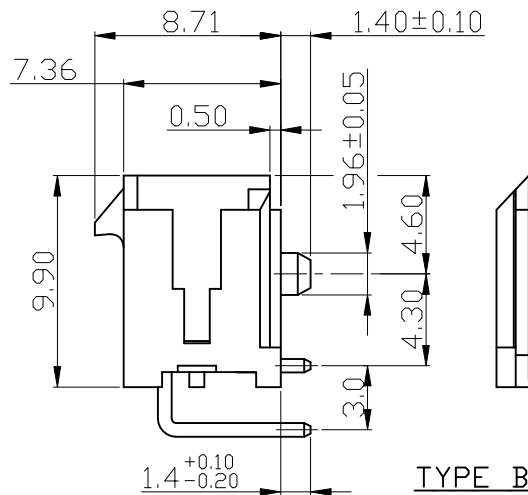
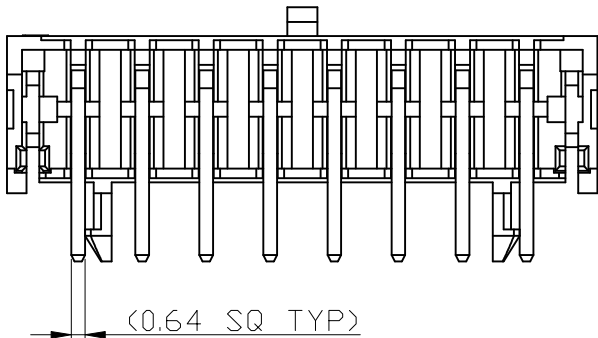
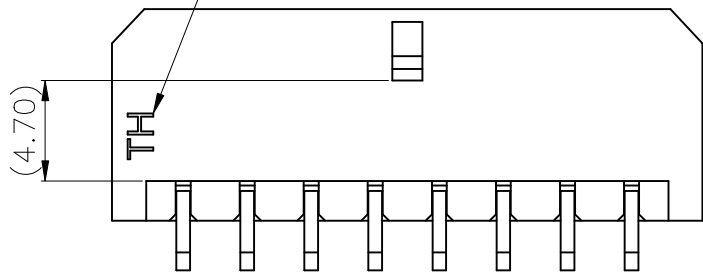
PRODUCT NUMBER

SEE PART NO. TABLE

CIRCUIT 2
CIRCUIT 1



HIGH CURRENT
MARK



NOTE:

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

AU10132449- XX X X X X X LF

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

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

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

TAIL LENGTH
BLANK: TYPE A
B: TYPE B

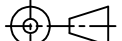
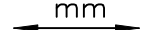

HSG MATERIAL:
G: HIGH TEMP NYLON (GLOW WIRE
COMPATIBLE)

HSG COLOR:
1: BLACK

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

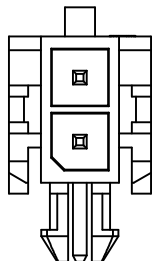
P/N & DIMENSION TABLE:

PART NO.	POS	A	B	TOOLING STATUS
10132449-02XXXXXLF	2	--	6.65	TOOLED UP
10132449-04XXXXXLF	4	3.00	9.65	NOT TOOLED UP
10132449-06XXXXXLF	6	6.00	12.65	TOOLED UP
10132449-08XXXXXLF	8	9.00	15.65	NOT TOOLED UP
10132449-10XXXXXLF	10	12.00	18.65	TOOLED UP
10132449-12XXXXXLF	12	15.00	21.65	TOOLED UP
10132449-14XXXXXLF	14	18.00	24.65	TOOLED UP
10132449-16XXXXXLF	16	21.00	27.65	NOT TOOLED UP
10132449-18XXXXXLF	18	24.00	30.65	NOT TOOLED UP
10132449-20XXXXXLF	20	27.00	33.65	NOT TOOLED UP
10132449-22XXXXXLF	22	30.00	36.65	NOT TOOLED UP
10132449-24XXXXXLF	24	33.00	39.65	TOOLED UP

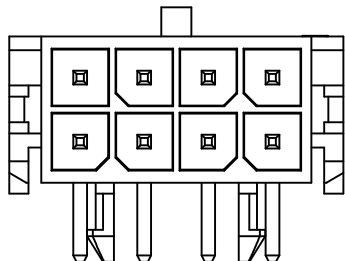
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK PWR3.0 HCC														
ltr	ecn no		dr	date		tolerances unless otherwise specified						title												
A			TAI	2015-02-25		angles linear	.0±.35								MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT									
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		dr	KENNY TAI		2015-02-03				dwg no				sheet 1 of 3				siz			
E			VISHNU	2025-08-25		engr	VISHNU BABU		2025-08-25				10132449				A3							
						chr	-		-															
						appd	SPK		2025-08-25				type				Product Customer Drawing							
sheet index		revision sheet		E	E	E																		
				1	2	3																		

TYPE-A OUTLINE OF DIFFERENT PIN COUNTS

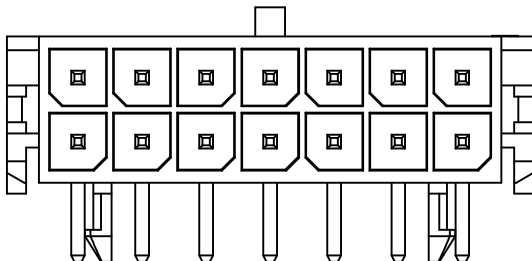
2 POS.



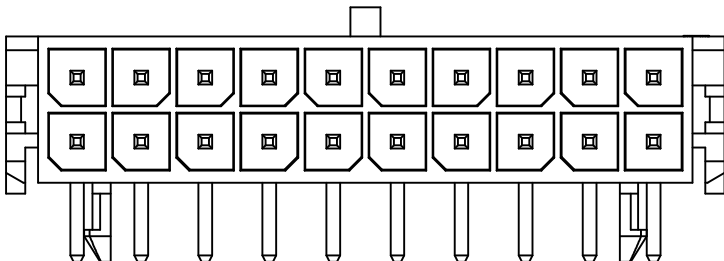
8 POS.



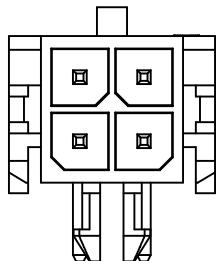
14 POS.



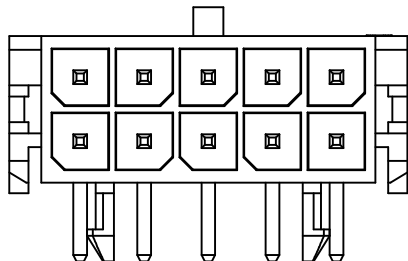
20 POS.



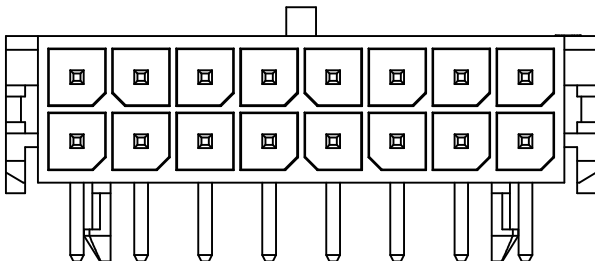
4 POS.



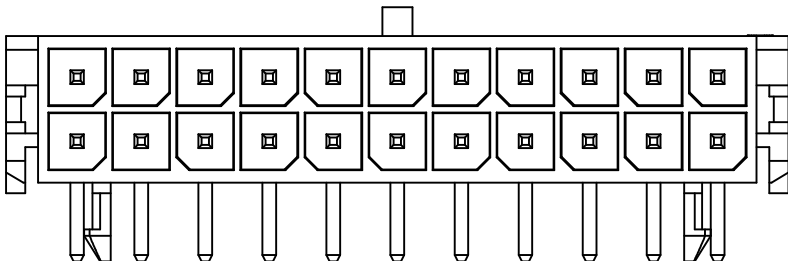
10 POS.



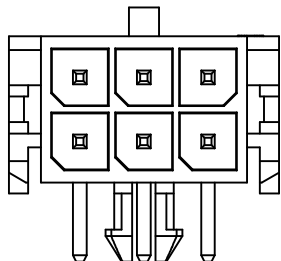
16 POS.



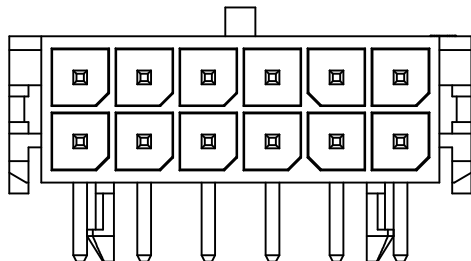
22 POS.



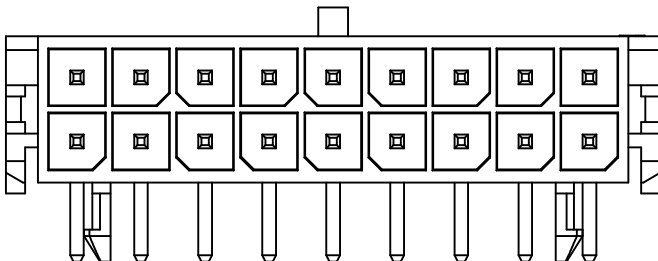
6 POS.



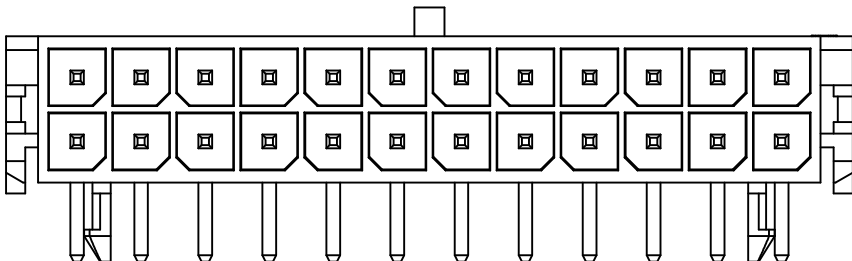
12 POS.



18 POS.

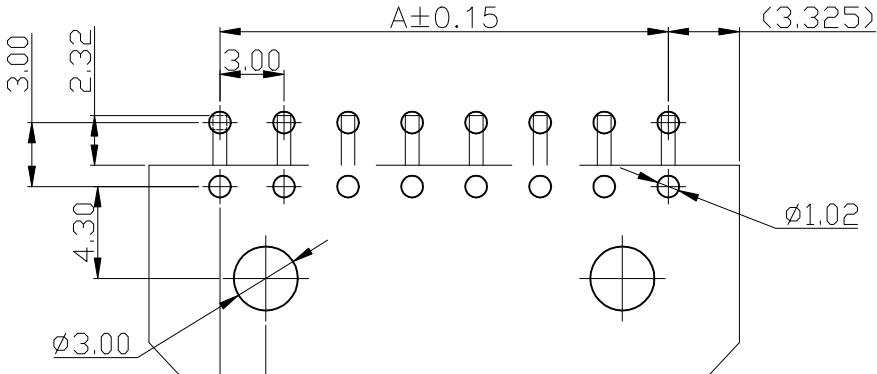
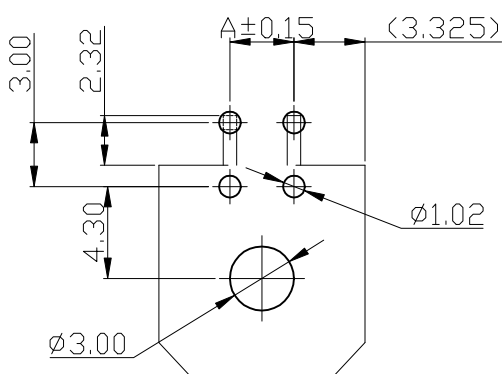


24 POS.





2~6 POS.

8~24 POS.

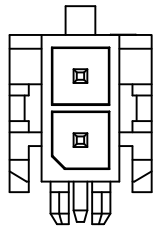


PCB THICKNESS=1.6mm. TOLERANCE:±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

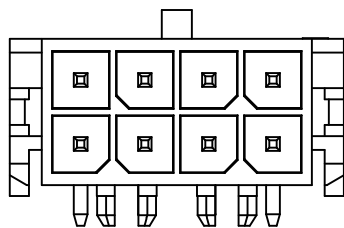
mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>				tolerance ISO 406 ISO 1101				<div>projection</div> <div></div> <div>mm</div> <div>scaleN.T.S.</div> <div></div>				product family MINITEK PWR3.0 HCC											
ltr				ecn no				dr								date				title MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT							
								angles				linear															

TYPE-B OUTLINE OF DIFFERENT PIN COUNTS

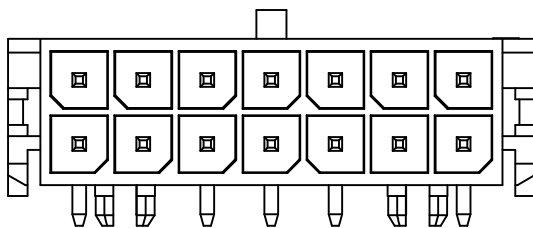
2 POS.



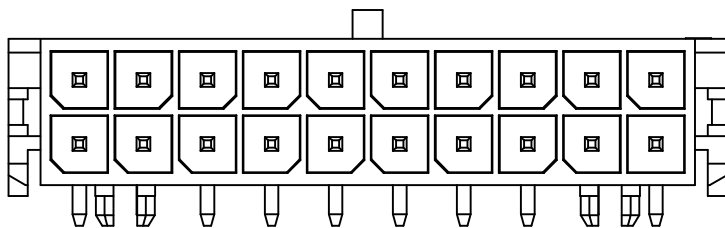
8 POS.



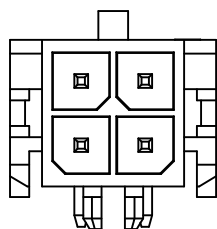
14 POS.



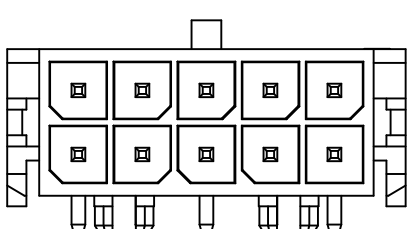
20 POS.



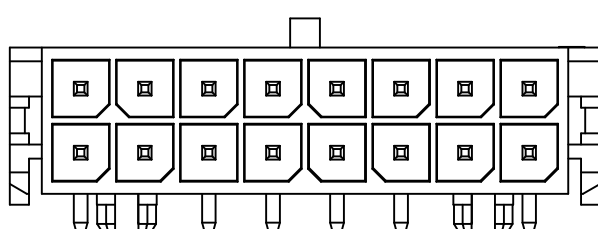
4 POS.



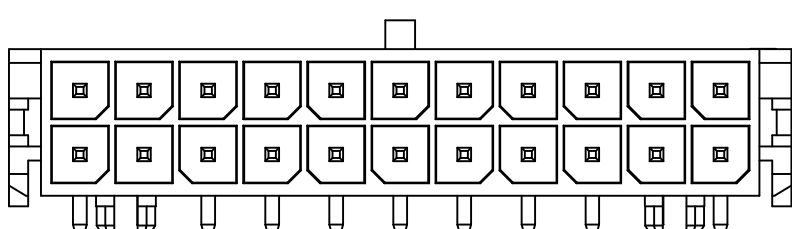
10 POS.



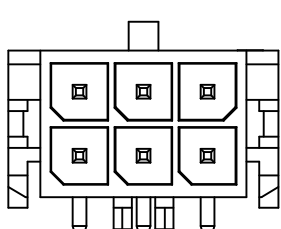
16 POS.



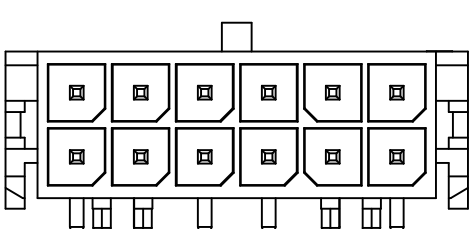
22 POS.



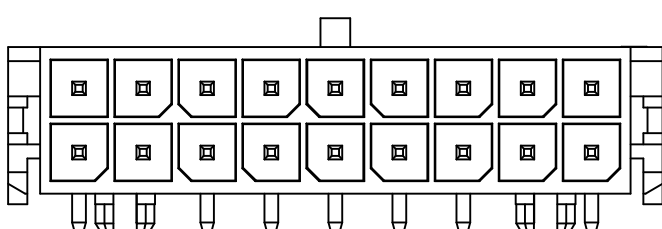
6 POS.



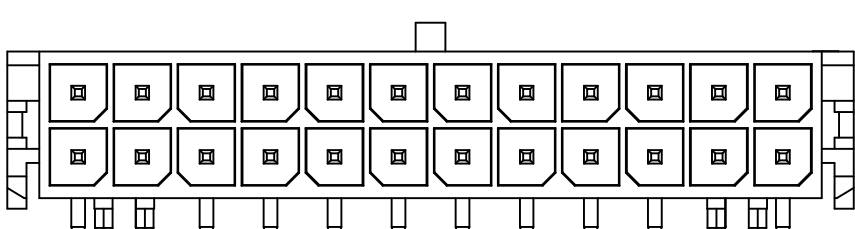
12 POS.



18 POS.

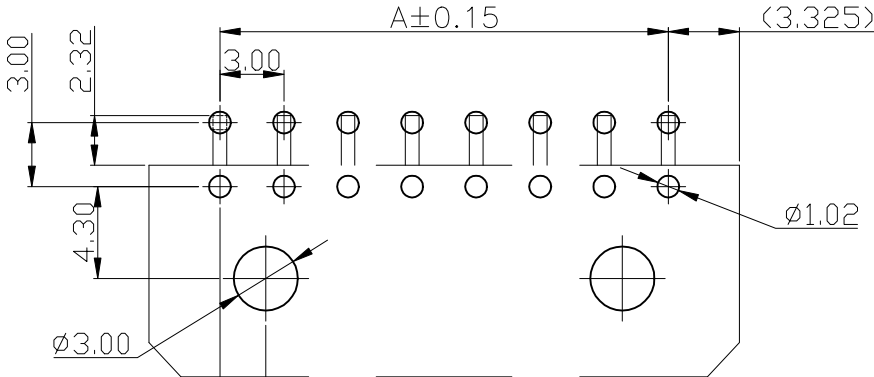
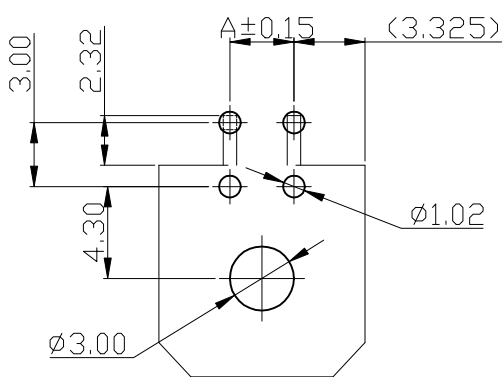


24 POS.






2~6 POS.

8~24 POS.



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

mat'l. code				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family MINITEK PWR3.0 HCC															
ltr	ecn no		dr	date		tolerances unless otherwise specified												title MINITEK PWR3.0 R/A DR HEADER HIGH CURRENT													
						angles		linear	.0±.35								scaleN.T.S.														
						0°±x'			.00±.25																						
						dr		KENNY TAI				2015-02-03								dwg no				sheet 3 of 3				size			
						engr		VISHNU BABU				2025-08-25								10132449				A3							
						chr		-				-																			
						appd		SPK				2025-08-25								type				Product Customer Drawing							
sheet index		revision sheet		E	E	E																									
				1	2	3																									