

11. DIMENSIONAL & PART NO. TABLE:

PART NUMBER	POS.	A	B
10131318-02XXXXXL	02	4.2	5.4
10131318-04XXXXXL	04	8.4	9.6
10131318-06XXXXXL	06	12.6	13.8
10131318-08XXXXXL	08	16.8	18.0
10131318-10XXXXXL	10	21.0	22.2
10131318-12XXXXXL	12	25.2	26.4
10131318-14XXXXXL	14	29.4	30.6
10131318-16XXXXXL	16	33.6	34.8
10131318-18XXXXXL	18	37.8	39.0
10131318-20XXXXXL	20	42.0	43.2
10131318-22XXXXXL	22	46.2	47.4
10131318-24XXXXXL	24	50.4	51.6

NOTES:

1. MATERIAL:
HSG:

MATERIAL:-SEE PART NO. SCHEME,UL94V0,HALOGEN FREE.
COLOUR:-SEE PART NO. SCHEME.

2.CONTACT:

MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.
PLATING: 50u" MIN. SEMI BRIGHT Ni OVERALL UNDER PLATED.
OPTIONAL PLATING ON CONTACT AREA.

3.REFER GS-20-0401 APPLICATION SPEC FOR MATING CONNECTOR.

4.PRODUCT SPECIFICATION: GS-12-1333.

5.PACKAGE SPECIFICATION: GS-14-2362.

6.APPLICATION SPECIFICATION: GS-20-0401

7.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE
SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK
CIRCUIT BOARD. (FOR NYLON)

8.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW
OVEN. (FOR LCP ONLY)

9.THIS LFP PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

10. PART NUMBER SCHEME:

10131318- XX X X X X L F

POS. CODE: X X X X L F

- 0: NONE (TRAY)
- P: BOTH PEGS (TRAY)
- R: NONE (TAPE/REEL)

LEAD FREE

LOCATING PEG AND PACKING:

- 0: NONE (TRAY)
- P: BOTH PEGS (TRAY)
- R: NONE (TAPE/REEL)

GLW WIRE COMPATIBLE:

- 0: NON-GLW WIRE
- G: GLW WIRE

HSG MATERIAL:

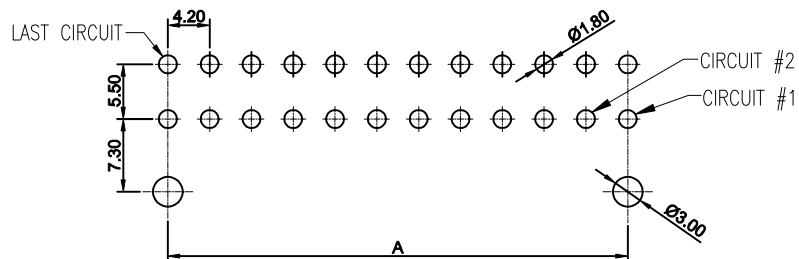
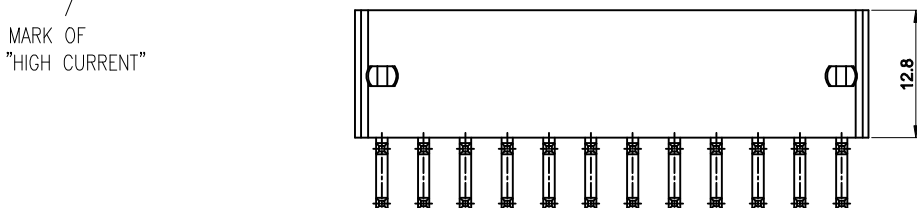
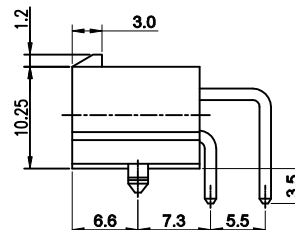
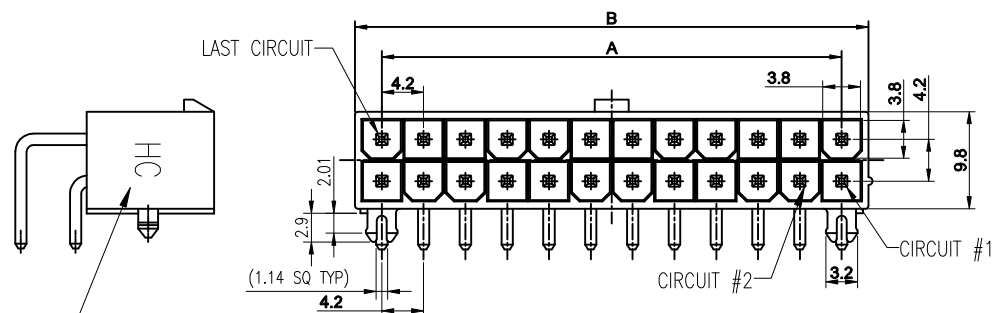
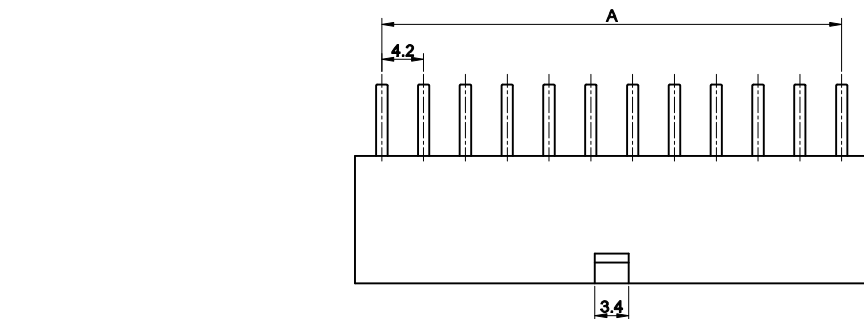
- 1: NYLON 66
- 2: LCP (GLW WIRE ONLY)

CONTACT PLATING:

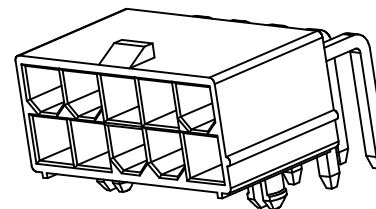
- 1: GOLD FLASH OVERALL
- 2: 80u" BRIGHT TIN OVERALL
- 4: 30u" Au ON CONTACT AREA AND 80u"MIN MATTE TIN ON SOLDER TAILS
- 5: 100u" MATTE TIN OVERALL

HSG COLOR:

- 1: NATURAL
- 2: BLACK



PCB LAYOUT COMPONENT SIDE
THICKNESS:1.6, TOLERANCE:±0.05



mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family	
ltr ecn no dr date		tolerances unless otherwise specified		X.X±.0.4		mm		MINITEK PWR4.2 HCC	
H ELX-I-43510 SONY 2023-01-09		angles linear		X.XX±.0.30		scale N.T.S		title	
		dr KENNY TAI 2014-08-12						MINITEK PWR4.2 HIGH CURRENT HEADER	
		engr SONY 2023-01-09						DUAL ROW, R/A, DIP TYPE	
		chr SONY 2023-01-09						dwg no sheet 1 of 3 size	
		appd MITHUN 2023-01-09						10131318 A3	
								type Product Customer Drawing	
sheet revision H H H		index sheet 1 2 3							



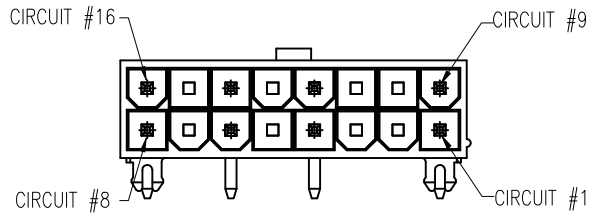
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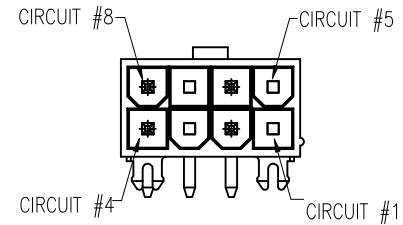
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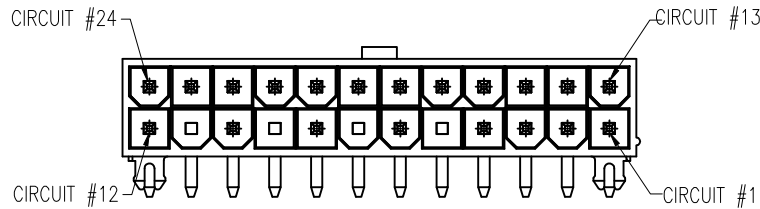
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S1: CIRCUIT 2,3,5,7,10,11,13,15 REMOVED

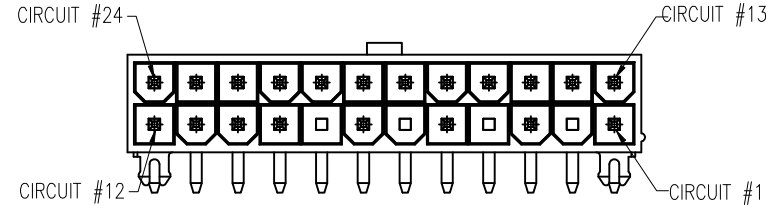


S2: CIRCUIT 1,3,5,7 REMOVED



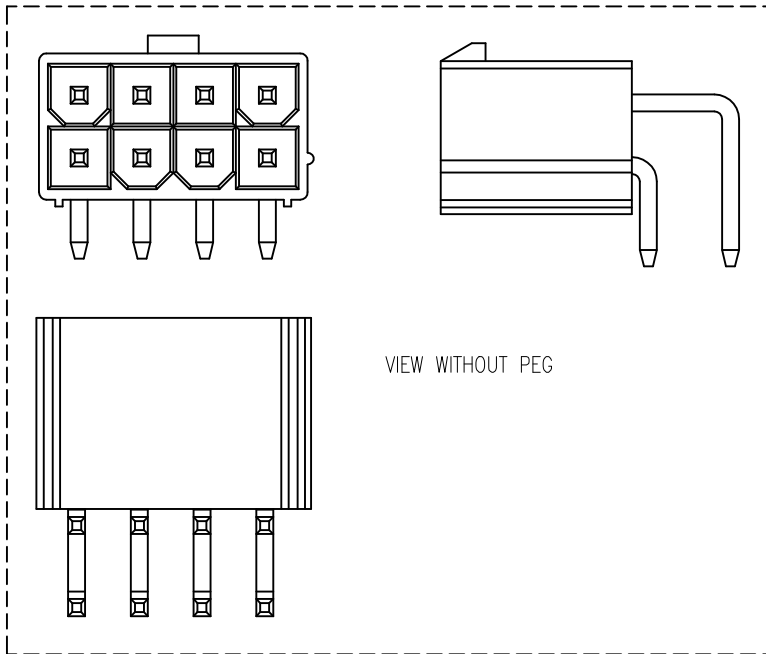
24 POS

S3: CIRCUIT 5,7,9,11 REMOVED



24 POS

S4: CIRCUIT 2,4,6,8 REMOVED



VIEW WITHOUT PEG

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ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title MINITEK PWR4.2 HIGH CURRENT HEADER DUAL ROW, R/A, DIP TYPE	
				angles	linear	X.X±.0.4 X.XX±.0.30		scale N.T.S	
				X'±1'				dwg no 10131318	
				dr	KENNY TAI	2014-08-12	sheet 2 of 3		size A3
				engr	SONY	2023-01-09	Amphenol FCI		
				chr	SONY	2023-01-09	type Product Customer Drawing		
				appd	MITHUN	2023-01-09			
sheet index	revision sheet	H	H	H					
		1	2	3					

PDS: Rev :H

STATUS: Released

Printed: Mar 09, 2023

Amphenol FCI

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1

2 3

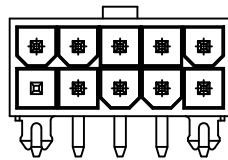
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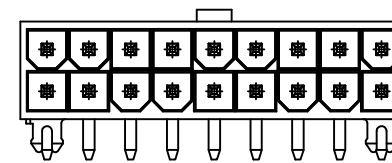
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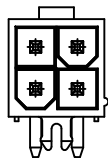
2 POS



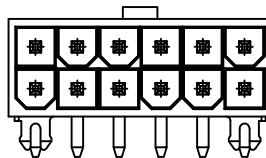
10 POS



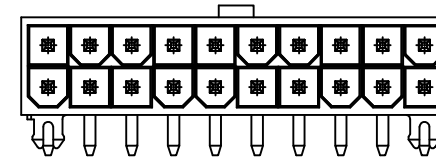
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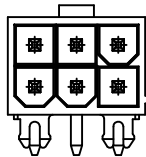
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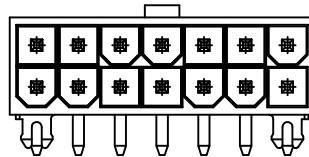
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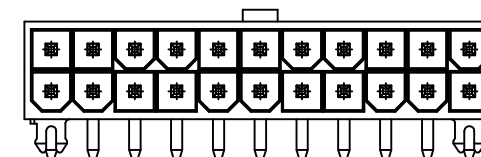
20 POS



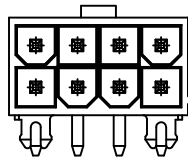
6 POS



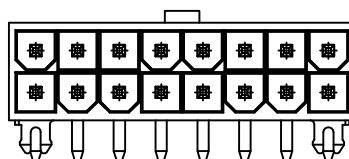
14 POS



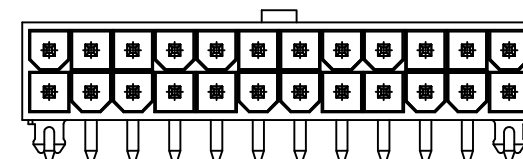
22 POS



8 POS



16 POS



24 POS

Amphenol FCI

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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				MINITEK PWR4.2 HCC	
ltr		ecn no		dr		date		title	
								MINITEK PWR4.2 HIGH CURRENT HEADER	
								DUAL ROW, R/A, DIP TYPE	
								dwg no	
								sheet 3 of 3	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision		H		H		H	
index		sheet		1		2		3	

1

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