

Amphenol FCI
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 D

NOTES:

- MATERIAL: HSG: MATERIAL: -SEE PART NO. SCHEME, UL94V0, HALOGEN FREE. COLOUR: -SEE PART NO. SCHEME.
- CONTACT: MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY. PLATING: 50u" Min. SEMI BRIGHT Ni OVERALL UNDER PLATED OPTIONAL PLATING ON CONTACT AREA. PICK & PLACE CAP: HIGH CURRENT THERMOPLASTIC.
- REFER GS-20-0401 APPLICATION SPEC FOR MATING CONNECTOR.
- PRODUCT SPECIFICATION: GS-12-1333.
- PACKAGE SPECIFICATION: GS-14-2362.
- APPLICATION SPECIFICATION: GS-20-0401
- 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)
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN. (FOR LCP ONLY)
- THIS LF PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- PART NUMBER SCHEME:
10131319- XX X X X X X X LF

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

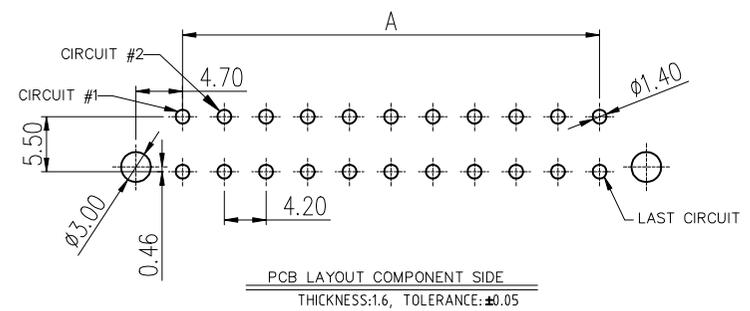
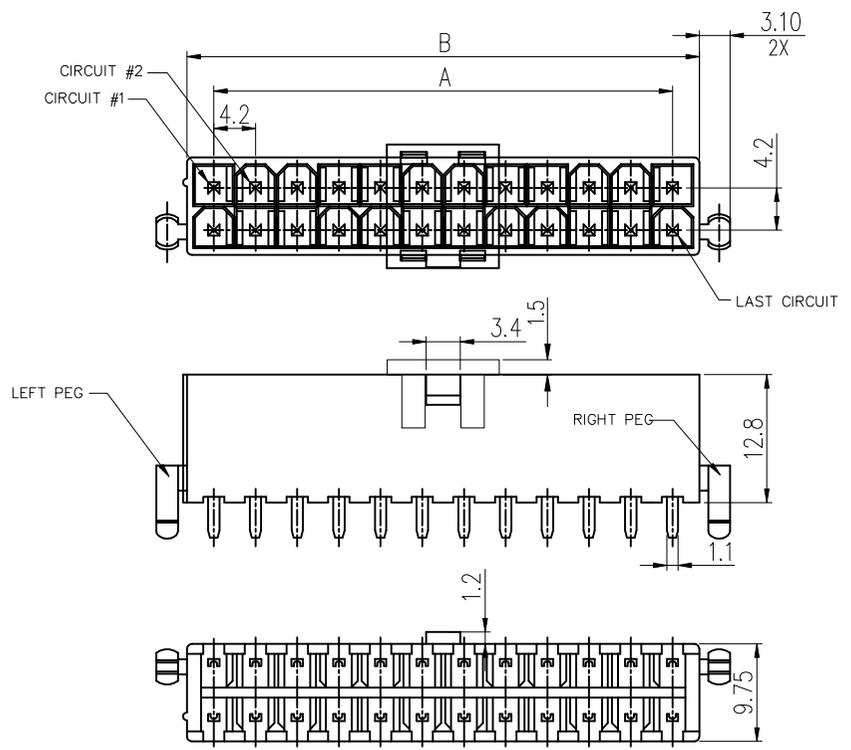
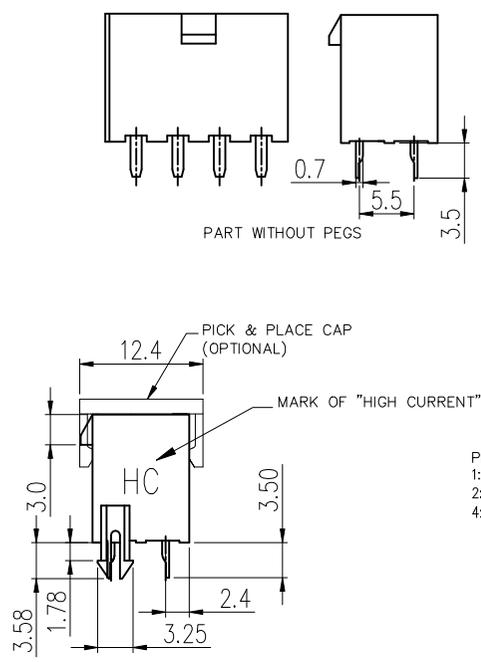
PLATING CODE:
 1: GOLD FLASH OVER ALL
 2: 100u" MATTE TIN OVER ALL
 4: 30u" GOLD ON CONTACT AREA, 100u" MATTE TIN ON SOLDER TAIL.

HSG COLOR:
 1: NATURAL
 2: BLACK

HSG MATERIAL:
 1: NYLON 66
 2: LCP

LOCATING PEG(PACKAGING):
 0: NONE(TRAY)
 P: BOTH PEGS(TRAY)
 L: LEFT PEG ONLY(TRAY)
 T: NONE(TAPE&REEL+CAP)
 R: BOTH PEGS(TAPE&REEL+CAP)
 K: LEFT PEG ONLY(TAPE&REEL+CAP)
 U: NONE(TAPE&REEL)
 V: BOTH PEGS(TAPE&REEL)
 W: LEFT PEG ONLY(TAPE&REEL)

GLOW WIRE COMPATIBLE:
 0: NO
 G: YES



11. DIMENSIONAL & PART NO. TABLE:

PART NUMBER	PDS.	A	B
10131319-02XXXXXLF	02	4.2	5.4
10131319-04XXXXXLF	04	4.2	9.6
10131319-06XXXXXLF	06	8.4	13.8
10131319-08XXXXXLF	08	12.6	18.0
10131319-10XXXXXLF	10	16.8	22.2
10131319-12XXXXXLF	12	21.0	26.4
10131319-14XXXXXLF	14	25.2	30.6
10131319-16XXXXXLF	16	29.4	34.8
10131319-18XXXXXLF	18	33.6	39.0
10131319-20XXXXXLF	20	37.8	43.2
10131319-22XXXXXLF	22	42.0	47.4
10131319-24XXXXXLF	24	46.2	51.6

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family		
		✓				MINITEK PWR4.2 HCC				
ltr	ecn no	dr	date	tolerances unless otherwise specified		title				
H	ELX-N-30661	TONY	2018-12-13	angles	X.X±.0.4	MINITEK PWR4.2 HIGH CURRENT CONNECTOR				
J	ELX-I-43510	SONY	2023-01-09	linear	X.XX±.0.30	V/T D/R DIP HEADER				
				X'±1'	scale N.T.S					
D	ELX-T-25072	TAI	2016-10-03	dr	KENNY TAI	2014-08-12	dwg no		sheet 1 of 2	
E	ELX-N-26672	TONY	2017-03-14	enfr	SONY	2023-01-09	10131319		A3	
F	ELX-N-27202	TONY	2017-06-12	chr	SONY	2023-01-09	type		Product Customer Drawing	
G	ELX-N-27450	TONY	2017-07-13	appd	MITHUN	2023-01-09				
sheet index	revision sheet	J	J							
		1	2							

1 2 3 4 5 6

A

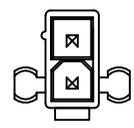
B

C

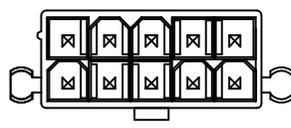
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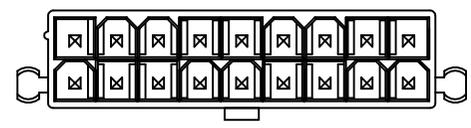
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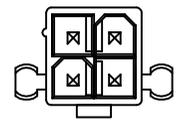
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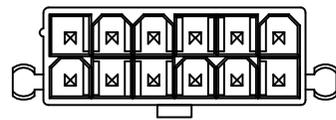
10 POS



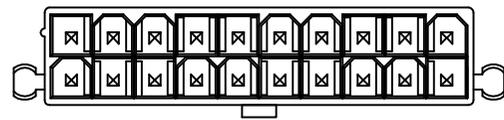
18 POS



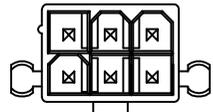
4 POS



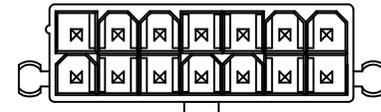
12 POS



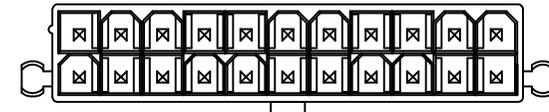
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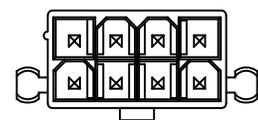
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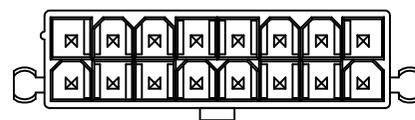
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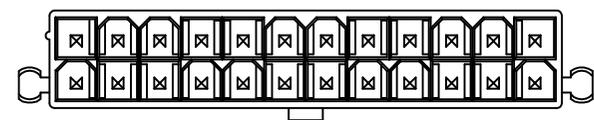
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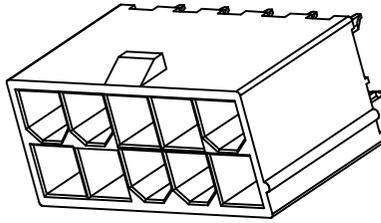
8 POS



16 POS



24 POS



mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK PWR4.2 HCC	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title MINITEK PWR4.2 HIGH CURRENT CONNECTOR V/T D/R DIP HEADER	
				angles	linear	scale N.T.S		dwg no 10131319	
				X°±1'	X.X±0.4 X.XX±0.30			sheet 2 of 2 size A3	
				dr	KENNY TAI	2014-08-12		type Product Customer Drawing	
				enr	SONY	2023-01-09			
				chr	SONY	2023-01-09			
				appd	MITHUN	2023-01-09			
sheet index	revision sheet	J	J	1	2				