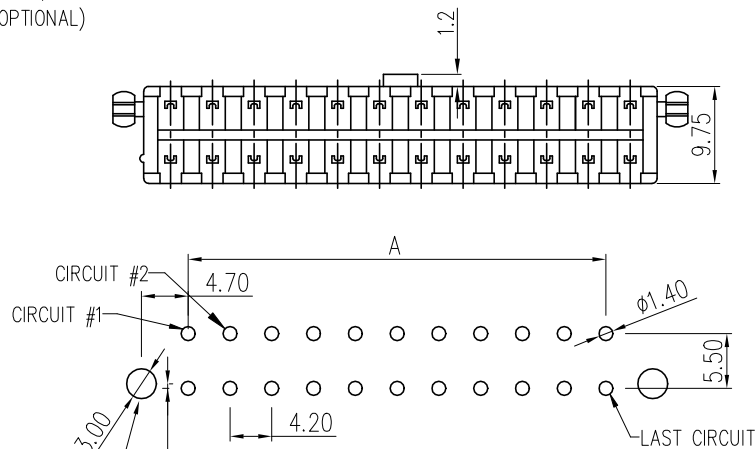
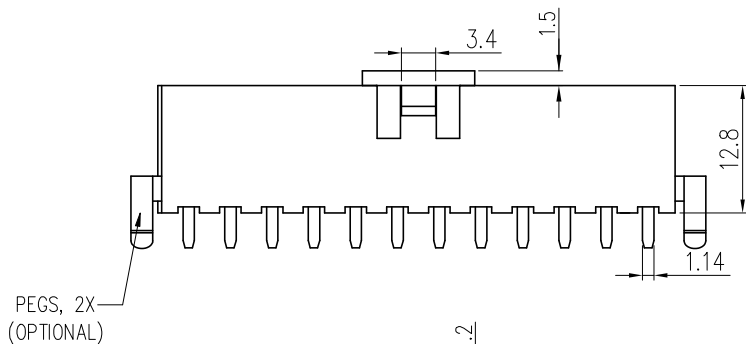
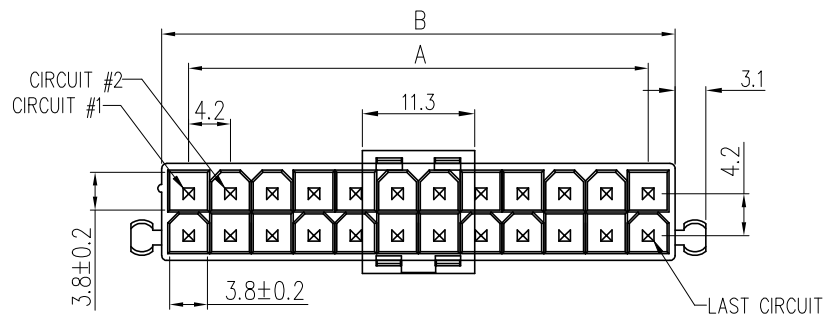
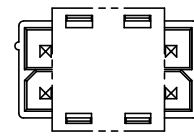
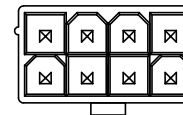
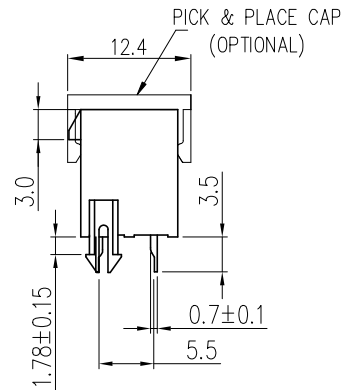




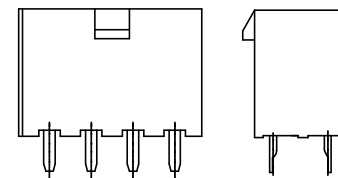
PCB LAYOUT COMPONENT SIDE



(VIEW WITH CAP)



PART WITHOUT PEGS



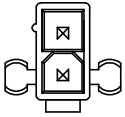
NOTES:

- MATERIAL:
HSG: OPTIONAL, UL94V-0.
COLOR: NATURAL.
TERMINAL: BRASS.
PLATING: 50u" NI UNDERPLATING; OPTIONAL ON CONTACT AREA.
PICK & PLACE CAP: HIGH TEMP. THERMOPLASTIC WIRE CONNECTOR 10127815.
- THIS PLUG MATES WITH FCI RECEPTACLE WIRE CONNECTOR 10127815.
- PRODUCT SPECIFICATION: GS-12-1181.
- PACKAGE SPECIFICATION: GS-14-2362.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 235°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD. (FOR PA66)
THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN. (FOR LCP ONLY)
- PART NUMBER SCHEME:
10127820-XX X X X X X L F
POS. CODE:
02: 2 POS.
04: 4 POS.
24: 24 POS.
TERMINAL MATERIAL:
2: BRASS, TAIL LENGTH 3.5mm
3: BRASS, TAIL LENGTH 1.9mm
PLATING CODE:
1: GOLD FLASH
2: 80u" Min Tin
4: 30u" Au
S: GOLD FLASH ON CONTACT, MATTE TIN ON TAILS
BLANK: NO CAP, TRAY PACKAGE
C: WITH CAP, TAPE/REEL PACKAGE
T: NO CAP, TAPE/REEL PACKAGE
PEG:
BLANK: NO PEG
P: 2 PEGS
GLOW WIRE COMPATIBLE:
BLANK: PA66, NON COMPATIBLE
G: PA66, COMPATIBLE
L: LCP, COMPATIBLE
B: LCP, BLACK COMPATIBLE

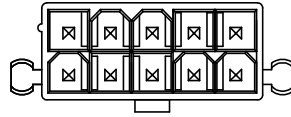
7. DIMENSIONAL & PART NO. TABLE:

PART NUMBER	POS.	A	B
10127820-02XXXXXL F	02	4.2	5.4
10127820-04XXXXXL F	04	4.2	9.6
10127820-06XXXXXL F	06	8.4	13.8
10127820-08XXXXXL F	08	12.6	18.0
10127820-10XXXXXL F	10	16.8	22.2
10127820-12XXXXXL F	12	21.0	26.4
10127820-14XXXXXL F	14	25.2	30.6
10127820-16XXXXXL F	16	29.4	34.8
10127820-18XXXXXL F	18	33.6	39.0
10127820-20XXXXXL F	20	37.8	43.2
10127820-22XXXXXL F	22	42.0	47.4
10127820-24XXXXXL F	24	46.2	51.6

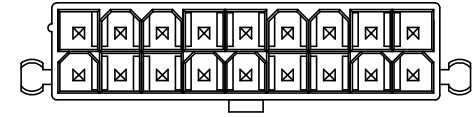
mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406	ISO 1101	MINITEK PWR4.2		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title		
H	ELX-T-17184	TAI	2015-03-16	angles	.0±.40				
J	ELX-T-21113	TAI	2015-06-08	linear	.00±.30				
K	ELX-T-21843	TAI	2016-06-02	0°±1°		scale 1:1	MINITEK PWR4.2, WTB HEADER, DUAL ROW, VT, DIP TYPE		
L	ELX-T-26123	TAI	2017-02-20	dr	KENNY TAI	2013-11-11			
M	ELX-N-26497	TONY	2017-03-23	engr	KENNY TAI	2013-11-11			
N	ELX-N-28165	TONY	2017-10-16	chr	KENNY TAI	2013-11-11	dwg no 10127820 sheet 1 of 2 size A3		
P	ELX-N-30477	TONY	2018-06-15	app	PM ZHENG	2013-11-22			
sheet		revision	P	P			type Product Customer Drawing		
index		sheet	1	2					



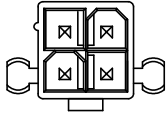
2 POS



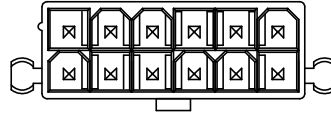
10 POS



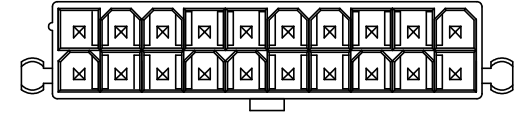
18 POS



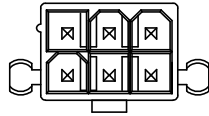
4 POS



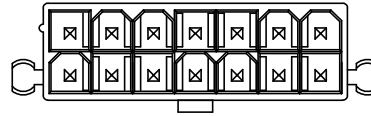
12 POS



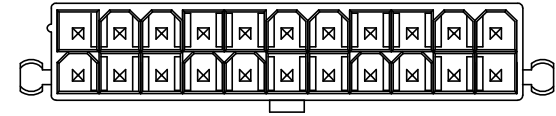
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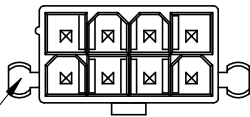
6 POS



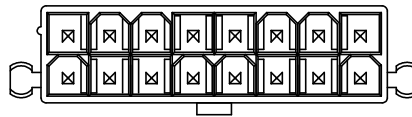
14 POS



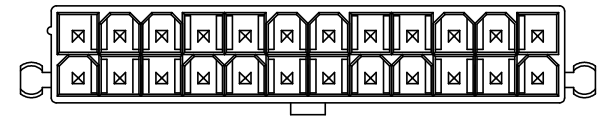
22 POS



8 POS

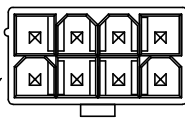


16 POS



24 POS

WITH PEG



VIEW WITHOUT PEG

NO PEG

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302 ✓	ISO 406 ISO 1101	1101	MINITEK PWR4.2		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title		
				angles	.0±.40	linear	MINITEK PWR4.2,WTB HEADER, DUAL ROW,VT,DIP TYPE		
				0°±1°	.00±.30	scale 1:1			
				dr	KENNY TAI	2013-11-11	dwg no		sheet2 of 2
				engr	KENNY TAI	2013-11-11	10127820		A3
				chr	KENNY TAI	2013-11-11	type Product Customer Drawing		
				appd	PM ZHENG	2013-11-22			
sheet index	revision sheet	P	P						
		1	2						

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[10127820-0432LCFL](#) [10127820-0621LPLF](#) [10127820-0432BCLF](#) [10127820-0434BCLF](#) [10127820-0622CLF](#)
[10127820-0232BCLF](#)

FCI / Amphenol:

[10127820-2022CLF](#) [10127820-1022LF](#) [10127820-1822LF](#) [10127820-0422LF](#) [10127820-2422LF](#) [10127820-0222LF](#)
[10127820-0822LF](#) [10127820-2222LF](#) [10127820-1222LF](#) [10127820-0221LF](#) [10127820-1422LF](#) [10127820-2221LF](#)
[10127820-0621LF](#) [10127820-2421LF](#) [10127820-1221LF](#) [10127820-0421LF](#) [10127820-0622LF](#) [10127820-1622LF](#)
[10127820-2021LF](#) [10127820-1021LF](#) [10127820-1821LF](#) [10127820-1621LF](#) [10127820-1421LF](#) [10127820-0821LF](#)
[10127820-0822CLF](#) [10127820-1222CLF](#) [10127820-1022LPCLF](#) [10127820-0822PLF](#) [10127820-0622GPLF](#)
[10127820-0621CLF](#) [10127820-1622LPCLF](#) [10127820-0422GPLF](#) [10127820-2022PLF](#) [10127820-0422LPCLF](#)
[10127820-0421CLF](#) [10127820-0821CLF](#) [10127820-1022PLF](#) [10127820-2421GLF](#) [10127820-0421PLF](#) [10127820-](#)
[0621GLF](#) [10127820-2422GLF](#) [10127820-1622LPLF](#) [10127820-0222GPLF](#) [10127820-1021PLF](#) [10127820-](#)
[2422LPCLF](#) [10127820-0622PLF](#) [10127820-1622GLF](#) [10127820-0422GLF](#) [10127820-1621GLF](#) [10127820-0221GLF](#)
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[0422LPLF](#) [10127820-2422LPLF](#) [10127820-042SLPLF](#) [10127820-1622LTLF](#)