

NOTES:
1. MATERIAL:
HSG: OPTIONAL, UL94V-0.
COLOR: NATURAL.
TERMINAL: BRASS.
PLATING: 50 μ NI UNDERPLATING; OPTIONAL ON CONTACT AREA.
PICK & PLACE CAP: HIGH TEMP. THERMOPLASTIC

2. THIS PLUG MATES WITH FCI RECEPTACLE WIRE CONNECTOR 10127815.

3. PRODUCT SPECIFICATION: GS-12-1181.

4. PACKAGE SPECIFICATION: GS-14-2362.

5. 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)

6. PART NUMBER SCHEME:
10127820- XX X X X X X LF

POS. CODE: _____
02: 2 POS.
04: 4 POS.
24: 24 POS.
BLANK: NO CAP, TRAY PACKAGE
C: WITH CAP, TAPE/REEL PACKAGE
T: NO CAP, TAPE/REEL PACKAGE
(CAP NOT APPLICABLE FOR 2 POS.)

TERMINAL MATERIAL:
2: BRASS, TAIL LENGTH 3.5mm
3: BRASS, TAIL LENGTH 1.9mm

PLATING CODE: _____
1: GOLD FLASH
2: TIN
4: 30 μ Au
S: GOLD FLASH ON CONTACT, MATTE TIN ON TAILS
GLOW WIRE COMPATIBLE:
BLANK: PA66, NON COMPATIBLE
G: PA66, COMPATIBLE
L: LCP, NATURAL COMPATIBLE
B: LCP, BLACK COMPATIBLE

7. DIMENSIONAL & PART NO. TABLE:

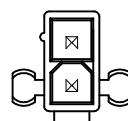
PART NUMBER	POS.	A	B
10127820-02XXXXLF	02	5.4	
10127820-04XXXXLF	04	4.2	9.6
10127820-06XXXXLF	06	8.4	13.8
10127820-08XXXXLF	08	12.6	18.0
10127820-10XXXXLF	10	16.8	22.2
10127820-12XXXXLF	12	21.0	26.4
10127820-14XXXXLF	14	25.2	30.6
10127820-16XXXXLF	16	29.4	34.8
10127820-18XXXXLF	18	33.6	39.0
10127820-20XXXXLF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

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	Minitek Pwr4.2
H	ELX-T-20468	TAI	2015-03-16	tolerances unless otherwise specified	.0±.40	mm	
J	ELX-T-21113	TAI	2015-06-09	angles	linear	.00±.30	
K	ELX-T-21843	TAI	2016-06-02	0°±1°			scale 1:1
L	ELX-T-26123	TAI	2017-02-20	dr	KENNY TAI	2013-11-11	
M	ELX-N-26497	TONY	2017-03-29	engr	KENNY TAI	2013-11-11	
N	ELX-N-28163	TONY	2017-10-16	chr	KENNY TAI	2013-11-11	
				appd	PM ZHENG	2013-11-22	
sheet	revision	N	N				
index	sheet	1	2				

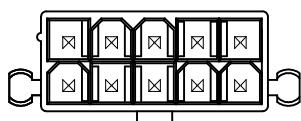
Amphenol
FCI

dwg no sheet 1 of 2 size
10127820 A3

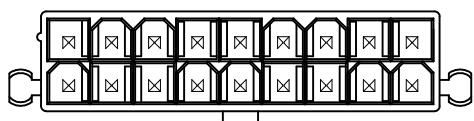
type Product Customer Drawing



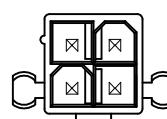
2 POS



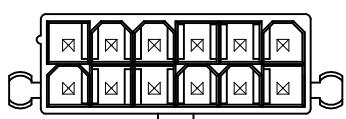
10 POS



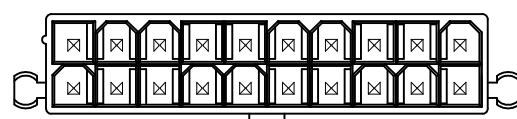
18 POS



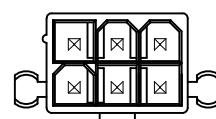
4 POS



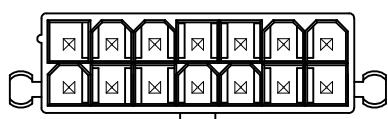
12 POS



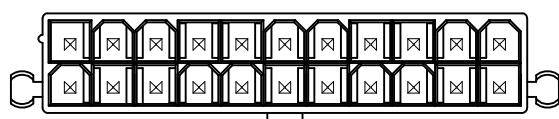
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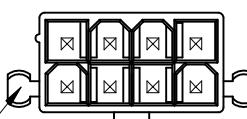
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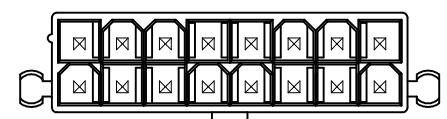
14 POS



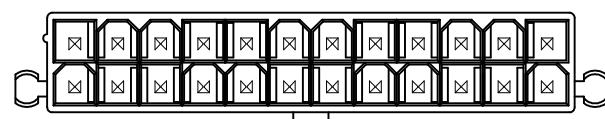
22 POS



8 POS

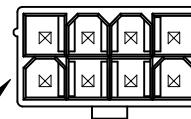


16 POS



24 POS

WITH PEG



VIEW WITHOUT PEG

NO PEG

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2016 AFCI

C

D

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	Minitek Pwr4.2
				✓		specified	
				tolerances unless otherwise			
				angles	.0±.40		
				linear	.00±.30	mm	
					0°±1°	scale 1:1	
		dr	KENNY TAI	2013-11-11			
		engr	KENNY TAI	2013-11-11			
		chr	KENNY TAI	2013-11-11			
		appd	PM ZHENG	2013-11-22			
sheet index	revision sheet	N	N				
		1	2				

Amphenol
FCi

dwg no sheet 2 of 2 size
10127820 A3

type Product Customer Drawing