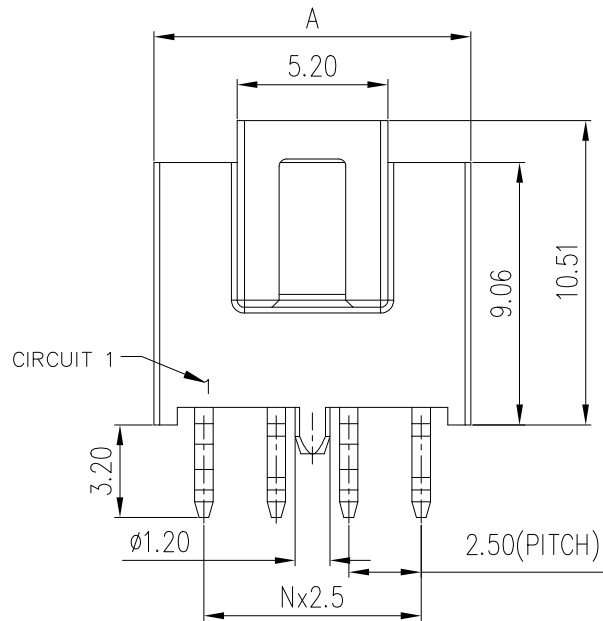
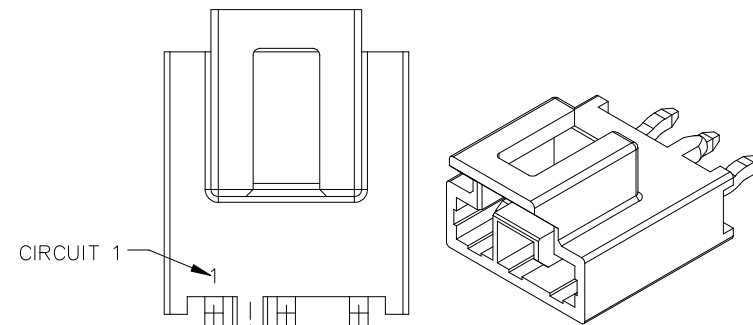
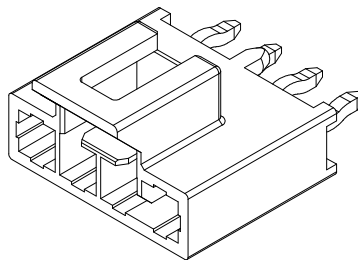
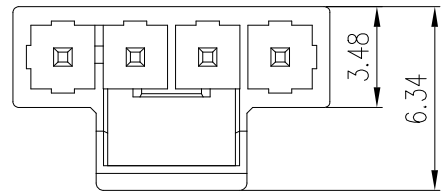
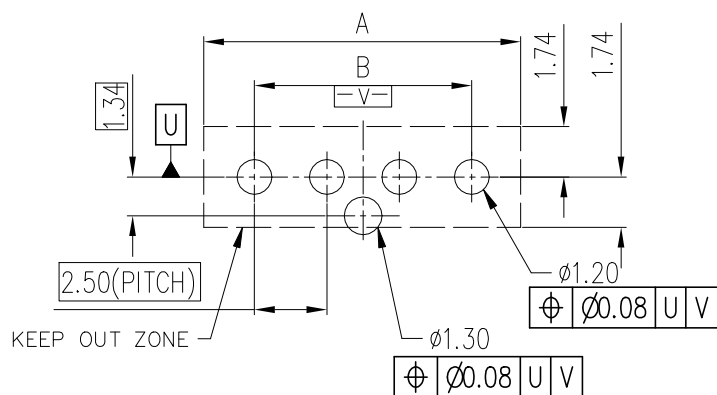


ONLY FOR CKT 3,5,7
OTHER DIMENSIONS SEFER TO LEFT VIEWS

IF ANY NUMBER MARK APPEARS ON THIS SURFACE,
PLEASE DISREGARD IT, IT IS NO ANY FUCTION AND
NO ANY RELATION TO PIN NUMBER, IT IS JUST FOR
MOLDING IDENTIFICATION.



RECOMMENDED PCB LAYOUT(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4MM

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MinitekPWR			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
A		TONY	2017-11-21	angles	linear	.0±.35		 mm	2.5mm Vertical Header				
B	ELX-N-30873	TONY	2018-08-03			.00±.25							
						0°±2' .000±.15							
						.000±.15		scale 1:1					
				dr	TONY LENG	2017-11-22			dwg no		sheet 1 of 3		size
				engr	TONY LENG	2017-11-22			10146242				A3
				chr	ZK HU	2017-11-22							
				appd	TIM YAO	2017-11-22			type Product Customer Drawing				
sheet index		revision sheet		B	1								

Notes:

1. MATERIAL:
HOUSING: LCP, HALOGEN FREE, GLOW WIRE COMPATIBLE
THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMP FOR 10S IN A REFLOW OVEN.
TERMINAL: BRASS
2. PLATING FINISHED:
CONTACT AREA: SEE PART NUMBER SCHEME
SOLDER AREA: TIN 60u"MIN;
UNDER PLATING NICKEL 50u"MIN;
3. PRODUCT SPEC: GS-12-1456
4. PACKAGING SPEC: GS-14-2610
5. USE WITH AFCI RECEPTACLE 10146579
6. PART NUMBER SCHEME:

10146242-XX X X LF

POS. CODE:

02: 2 POS.

03: 3 POS.

S
08: 8 POS.

LEAD FREE

INSULATION COLOR:

B: BLACK

N: NATURAL

C: ORANGE

G: GREEN

CONTACT AREA PLATING:

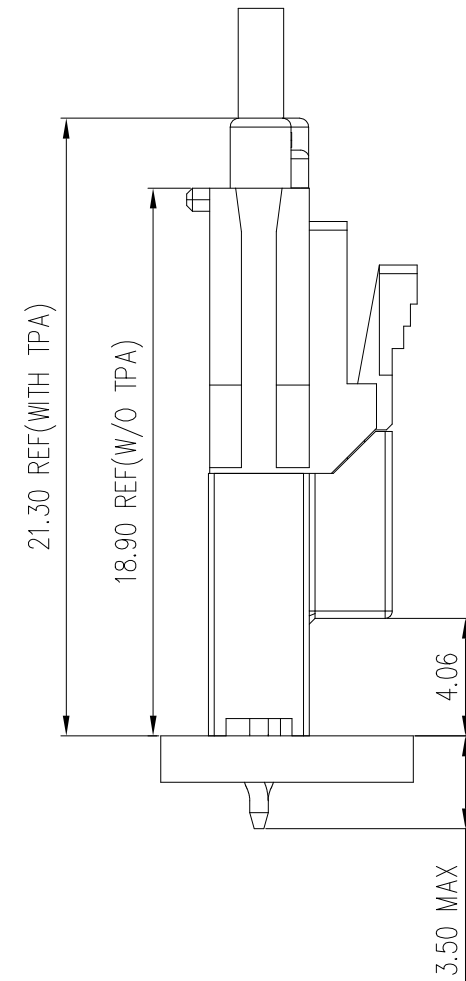
0: 60u" TIN

1: 15u" Au

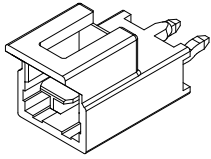
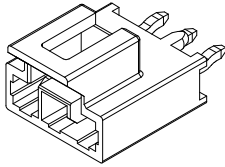
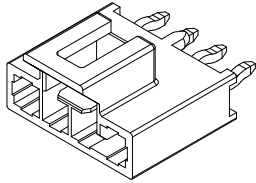
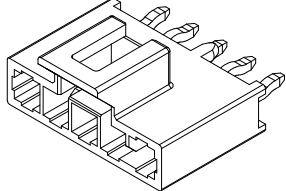
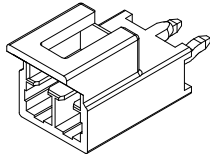
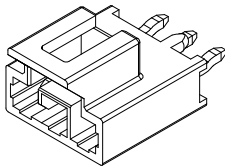
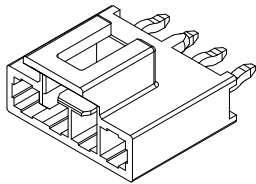
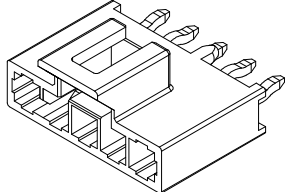
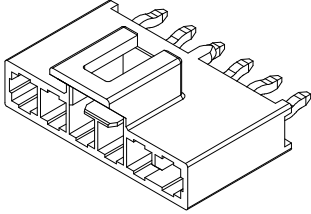
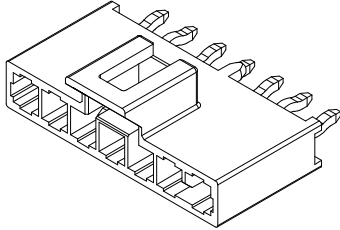
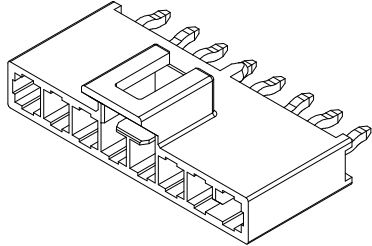
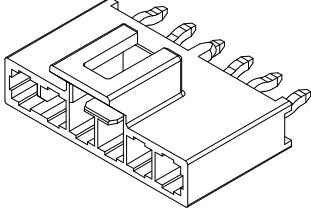
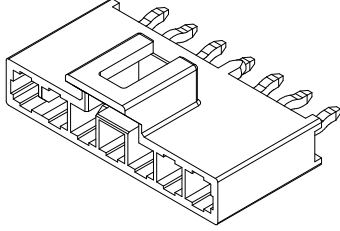
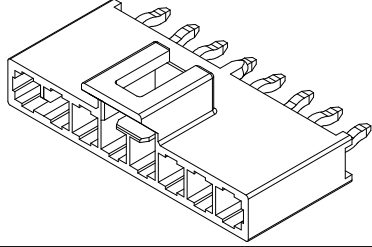
2: 30u" Au

DIMENSIONAL & PART NO. TABLE:

PART NO.	POS	A	B
10146242-02XXLF	2	5.94	2.50
10146242-03XXLF	3	8.44	5.00
10146242-04XXLF	4	10.94	7.50
10146242-05XXLF	5	13.44	10.00
10146242-06XXLF	6	15.94	12.50
10146242-07XXLF	7	18.44	15.00
10146242-08XXLF	8	20.94	17.50



mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406	ISO 1101	MinitexPWR		
ltr	ecm no	dr	date	tolerances unless otherwise specified		mm	title		
				angles	.0±.35	scale 1:1	2.5mm Vertical Header		
				linear	.00±.25				
				0°±2°	.000±.15				
				dr	TONY LENG	2017-11-22	dwg no		
				engr	TONY LENG	2017-11-22	sheet 2 of 3		
				chr	ZK HU	2017-11-22	10146242		
				appd	TIM YAO	2017-11-22	A3		
sheet index				revision	B		type Product Customer Drawing		
sheet				2					

	2 POS.	3 POS.	4 POS.	5 POS.
BLACK				
NATURAL				
	6 POS.	7 POS.	8 POS.	
BLACK				
NATURAL				

mat'l. code				surface	tolerance	projection	product family		
ltr	ecn no	dr	date	ISO 1302 ✓	ISO 406 ISO 1101	1101	MinitexPWR		
				tolerances unless otherwise specified			title		
				angles	.0±.35	mm	2.5mm Vertical Header		
				linear	.00±.25				
				0°±2°	.000±.15	scale 1:1			
				dr	TONY LENG	2017-11-22	dwg no	sheet 3 of 3	size
				engr	TONY LENG	2017-11-22	10146242		A3
				chr	ZK HU	2017-11-22			
				appd	TIM YAO	2017-11-22			
sheet index	revision	B					type Product Customer Drawing		
	sheet	3							

Mouser Electronics

Authorized Distributor

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[10146242-041BLF](#) [10146242-050BLF](#) [10146242-080BLF](#) [10146242-061BLF](#) [10146242-031BLF](#) [10146242-060BLF](#)
[10146242-040BLF](#) [10146242-040NLF](#) [10146242-020NLF](#) [10146242-022BLF](#) [10146242-071BLF](#) [10146242-020BLF](#)
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[10146242-081NLF](#) [10146242-021NLF](#) [10146242-042NLF](#) [10146242-072NLF](#) [10146242-051NLF](#) [10146242-](#)
[071NLF](#) [10146242-082NLF](#) [10146242-032NLF](#) [10146242-052NLF](#) [10146242-062NLF](#) [10146242-030NLF](#)
[10146242-041NLF](#) [10146242-070NLF](#) [10146242-050NLF](#) [10146242-022NLF](#) [10146242-031NLF](#) [10146242-061NLF](#)
[10146242-072BLF](#)