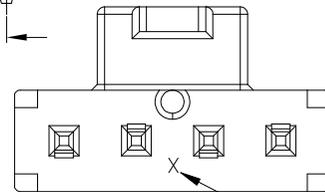
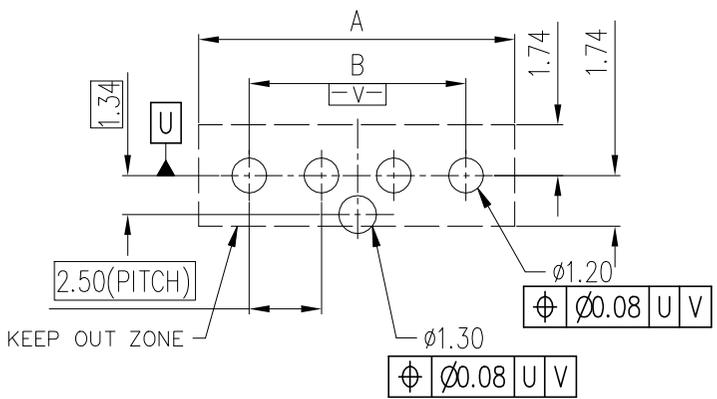


ONLY FOR CKT 3,5,7  
OTHER DIMENSIONS SEFER TO LEFT VIEWS



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

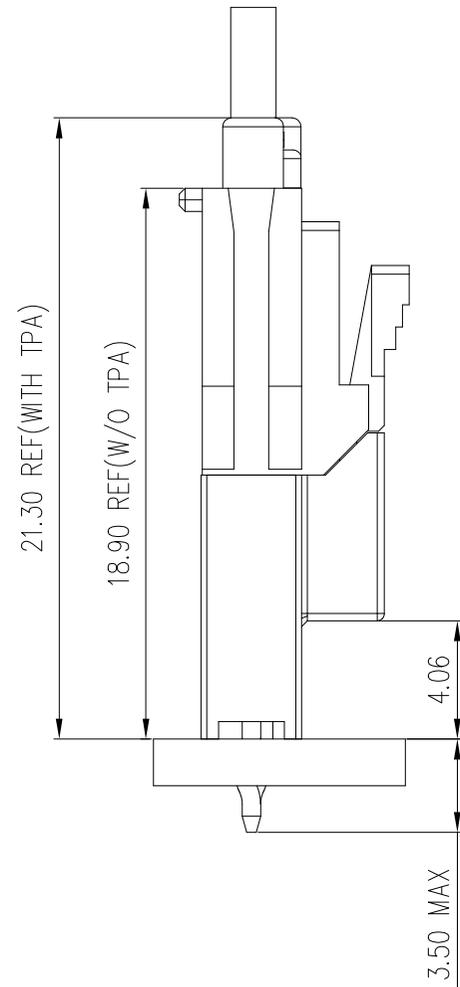
Notes:

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.

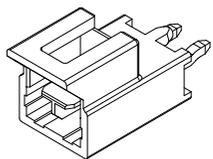
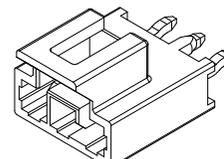
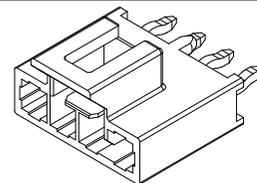
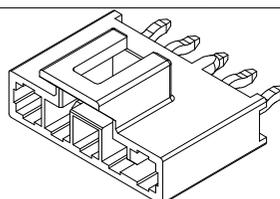
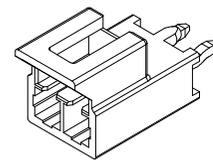
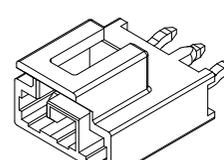
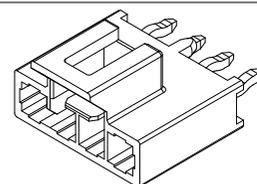
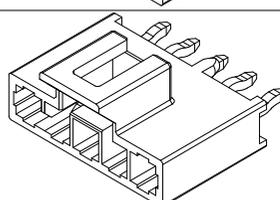
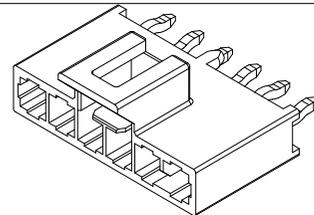
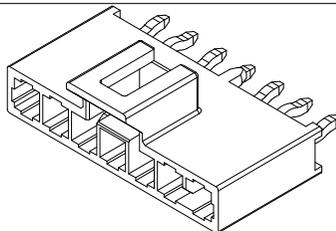
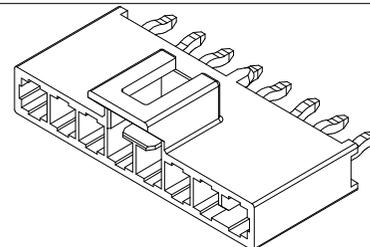
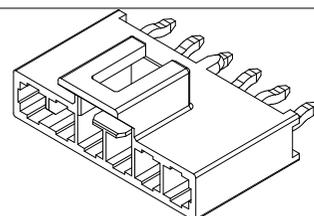
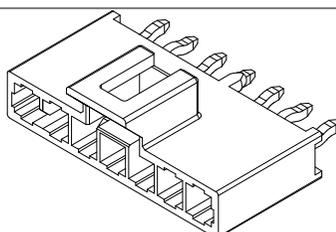
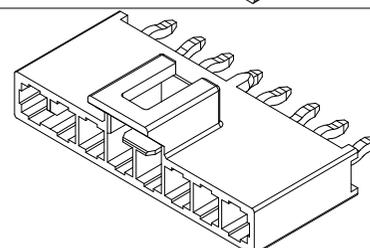
LEAD FREE  
INSULATION COLOR:  
B: BLACK  
N: NATURAL  
C: ORANGE  
G: GREEN  
CONTACT AREA PLATING:  
0: 60u" TIN  
1: 15u" Au  
2: 30u" Au



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

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

A  
B  
C  
D  
 Amphenol FCI  
 © 2016 AFCI

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