

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO		1101		MinitekPWR	
ltr		ecn no		dr		date		title	
B		ELX-N-32304		TONY		2019-01-02		2.5mm VT TH Header	
				angles		linear		mm	
				0'±x'		.0±.35		scale 1:1	
						.00±.25			
						.000±.15			
				dr		TONY LENG		2017-11-22	
				eng		TONY LENG		2017-11-22	
				chr		ZK HU		2017-11-22	
				app		TIM YAO		2017-11-22	
sheet		revision		B		B		dwg no	
index		sheet		1		2		sheet 1 of 3	
				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 RECEPTACEL 10146580
6. PART NUMBER SCHEME:

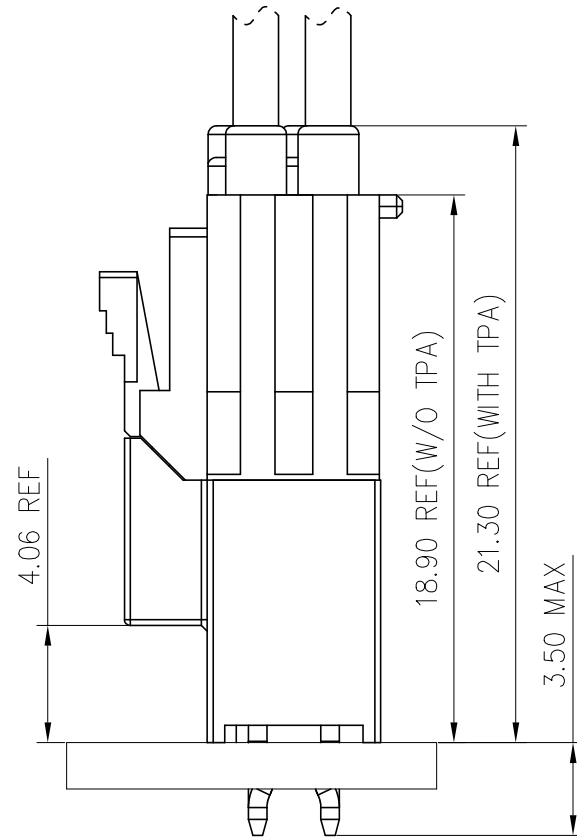
10146581-XX X X LF

POS. CODE:  
04: 4 POS.  
06: 6 POS.  
8: 8 POS.  
16: 16 POS.

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

DIMENSIONAL & PART NO. TABLE:

PART NO.	POS	A	B
10146581-04XXLF	4	5.94	2.50
10146581-06XXLF	6	8.44	5.00
10146581-08XXLF	8	10.94	7.50
10146581-10XXLF	10	13.44	10.00
10146581-12XXLF	12	15.94	12.50
10146581-14XXLF	14	18.44	15.00
10146581-16XXLF	16	20.94	17.50



mat'l. code		surface		tolerance		projection		product family	
ltr		ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	MinitekPWR	
					tolerances unless otherwise specified		title		
					angles	.0±.35	2.5mm VT TH Header		
					linear	.00±.25	mm		
					0'±x'	.000±.15	scale 1:1		
					dr	TONY LENG	2017-11-22	dwg no	
					eng	TONY LENG	2017-11-22	sheet 2 of 3	
					chr	ZK HU	2017-11-22	10146581	
					appd	TIM YAO	2017-11-22	A3	
sheet index		revision	B	B	B	Amphenol FCI		type Product Customer Drawing	
		sheet	1	2	3				

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

Amphenol FCI

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ISO 1302		ISO 406	ISO 1101		MinitekPWR
tolerances unless otherwise specified		tolerances unless otherwise specified		mm	title
angles		.0±.35		scale 1:1	2.5mm VT TH Header
linear		.00±.25			
0°±x'		.000±.15			
dr	TONY LENG	2017-11-22	Amphenol FCI		dwg no
eng	TONY LENG	2017-11-22	10146581		sheet 3 of 3
chr	ZK HU	2017-11-22	type		Product Customer Drawing
app	TIM YAO	2017-11-22	size		A3
sheet index	revision	B	B	B	
sheet	1	2	3		