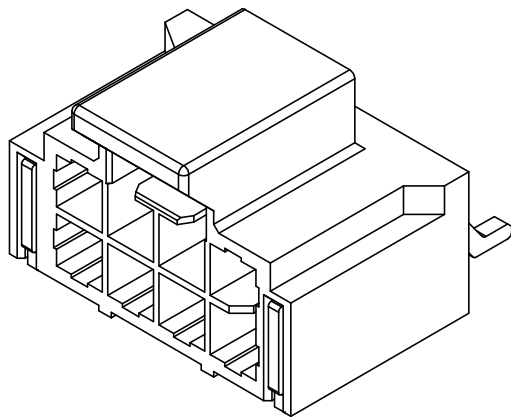


RECOMMENDED PCB LAYOUT(CONNECTOR SIDE VIEW)
THICKNESS=1.6MM MIN TOLERANCE:±0.05



mat'l. code				surface	tolerance	projection	product family		
ISO 1302				ISO 406	ISO 1101	1101	MinitexPWR		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
B	ELX-N-31156	TONY	2018-09-05	angles	linear	mm	2.5mm RA SMT HEADER		
				0°±2°	.00±.15	scale 1:1			
				dr	TONY LENG	2017-11-22	dwg no		
				engr	TONY LENG	2017-11-22	sheet 1 of 2		
				chr	ZK HU	2017-11-22	10146243		
				appd	TIM YAO	2017-11-22	A3		
sheet	revision	B	B				type		
index	sheet	1	2				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

SOLDER CLIP: BRASS

2. PLATING FINISHED:

CONTACT AREA: SEE PART NUMBER SCHEME

SOLDER AREA: TIN 30u"MIN;

UNDER PLATING NICKEL 50u"MIN;

SOLDER CLIP: TIN 100u"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:

10146243-XX X X LF

LEAD FREE

INSULATION COLOR:

B: BLACK

N: NATURAL

CONTACT AREA PLATING:

0: 30u" TIN

1: 15u" Au

2: 30u" Au

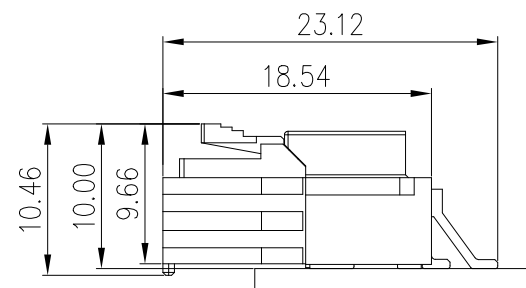
POS. CODE:

04: 4 POS.

06: 6 POS.



S

16: 16 POS.



DIMENSIONAL & PART NO. TABLE:

PART NO.	POS	A	B	C	D
10146243-04XXLF	4	8.74	3.82	2.50	7.04
10146243-06XXLF	6	11.24	5.07	5.00	9.54
10146243-08XXLF	8	13.74	6.32	7.50	12.04
10146243-10XXLF	10	16.24	7.57	10.00	14.54
10146243-12XXLF	12	18.74	8.82	12.50	17.04
10146243-14XXLF	14	21.24	10.07	15.00	19.54
10146243-16XXLF	16	23.74	11.32	17.50	22.04

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MinitexPWR			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		mm 		title 2.5mm RA SMT HEADER				
					angles	linear	.0±.35 .00±.25 0°±2°		scale 1:1				
					dr	TONY LENG	2017-11-22		dwg no		sheet2 of 2	size	
					engr	TONY LENG	2017-11-22		10146243		A3		
					chr	ZK HU	2017-11-22						
					appd	TIM YAO	2017-11-22		type		Product Customer Drawing		
sheet index		revision sheet		B	B								
				1	2								

Mouser Electronics

Authorized Distributor

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[10146243-061BLF](#) [10146243-060BLF](#) [10146243-040BLF](#) [10146243-121BLF](#) [10146243-101BLF](#) [10146243-081BLF](#)
[10146243-041BLF](#)