

NOTE:

- MATERIAL:  
HOUSING: LCP, UL94V-0, HALOGEN FREE, COLOR: BLACK  
CONTACT: COPPER ALLOY.  
METAL HOLD DOWN: COPPER ALLOY
- CONTACT FINISH: NICKEL 50u" Min. UNDERPLATED OVERALL.  
OPTIONAL PLATING ON CONTACT AREA, 100u" MIN MATTE TIN ON SOLDER TAIL.  
METAL HOLD DOWN FINISH: 100u" MIN MATTE TIN OVER 50u" Min. NICKEL
- REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR.
- PRODUCT SPECIFICATION: GS-12-1177.
- TAPE & REEL PACKAGE SPECIFICATION: GS-14-2359.
- APPLICATION SPECIFICATION: GS-20-0399
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 10.16mm MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
- PART NUMBER SCHEME:  
10136655-XX X X LF

POS. CODE: XX X X LF

- 02: 2 POS
- 03: 3 POS
- 12: 12 POS

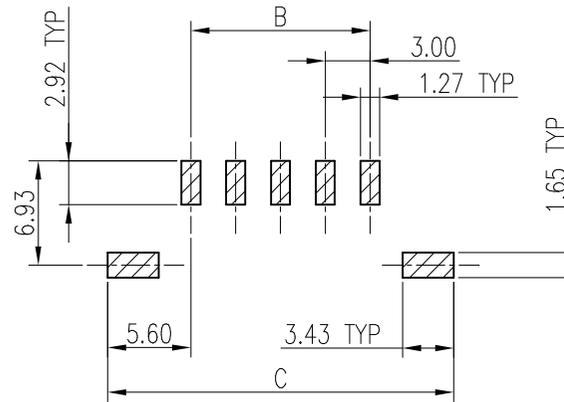
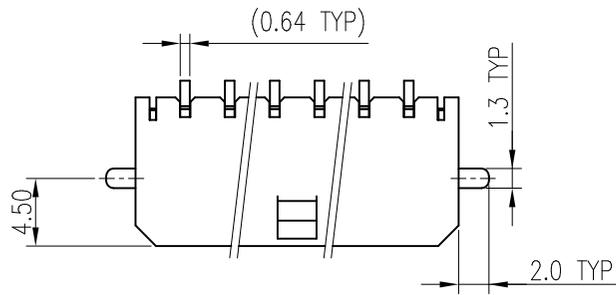
LEAD FREE

GLOW WIRE COMPATIBLE:

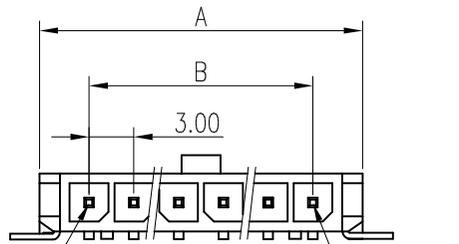
- 1: COMPATIBLE
- 2: NON-COMPATIBLE

PLATING CODE:

- 1: 100u" Min. MATTE TIN OVERALL
- 2: GOLD FLASH ON CONTACT AREA, 100u"Min MATTE TIN ON TAIL
- 3: 15u"Min Au ON CONTACT AREA, 100u"Min MATTE TIN ON TAIL
- 4: 30u"Min Au ON CONTACT AREA, 100u"Min MATTE TIN ON TAIL

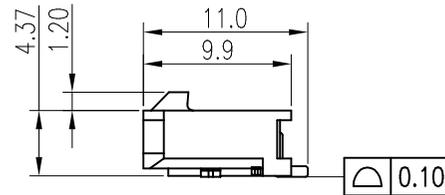


RECOMMENDED P.C.B LAYOUT  
(GENERAL TOLERANCE: ±0.05)

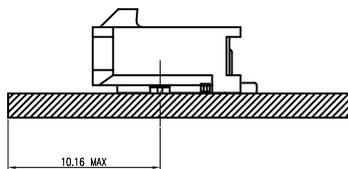


LAST CIRCUIT

CIRCUIT 1



ALL SOLDER TAIL



LOCATION DETAIL  
(SEE NOTE #9)

PART NUMBER	POS.	A	B	C
10136655-02XXLF	02	9.65	3.00	14.20
10136655-03XXLF	03	12.65	6.00	17.20
10136655-04XXLF	04	15.65	9.00	20.20
10136655-05XXLF	05	18.65	12.00	23.20
10136655-06XXLF	06	21.65	15.00	26.20
10136655-07XXLF	07	24.65	18.00	29.20
10136655-08XXLF	08	27.65	21.00	32.20
10136655-09XXLF	09	30.65	24.00	35.20
10136655-10XXLF	10	33.65	27.00	38.20
10136655-11XXLF	11	36.65	30.00	41.20
10136655-12XXLF	12	39.65	33.00	44.20

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family		
ltr		ecn no	dr	date	tolerances unless otherwise specified		mm		MINITEK PWR3.0	
A			TAI	2015-09-23	angles	.0±.30	mm		title	
B	ELX-N-30279	TONY		2018-05-25	linear	.00±.20	scale N.T.S.		MINITEK PWR3.0 R/A HEADER, SINGLE ROW, SMT TAILS AND HOLD DOWN	
C	ELX-I-43460	ASLAM		2022-01-21	0°±2'				dwg no	
D	ELX-I-57543	MSHNU		2025-10-07	dr	TONY LENG	2018-05-25	sheet 1 of 2		size
					engr	VISHNU BABU	2025-10-07	10136655		A3
					chr	-	-	type		Product Customer Drawing
					app	SPK	2025-10-07			
sheet index	revision sheet	D	D							
		1	2							

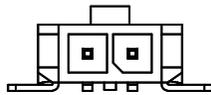
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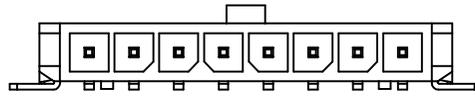
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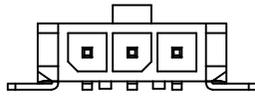
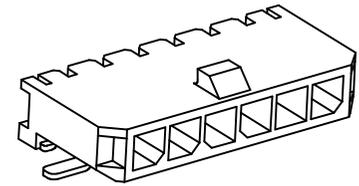
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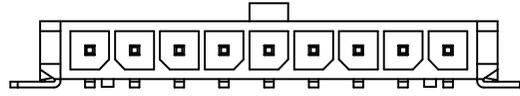
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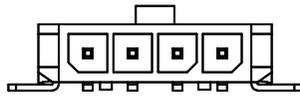
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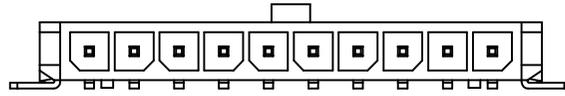
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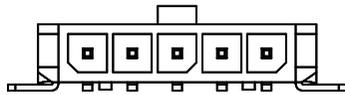
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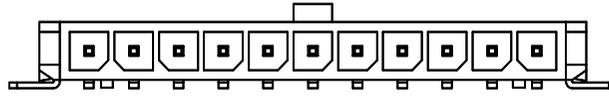
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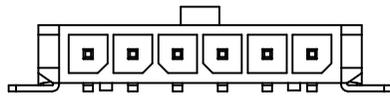
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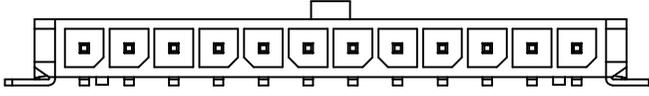
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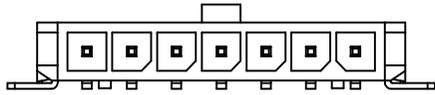
11 POS



6 POS



12 POS



7 POS

Amphenol FCI

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mat'l. code		surface		tolerance		projection		product family	
ISO 1302		ISO 406		ISO 1101		mm		MINITEK PWR3.0	
tolerances unless otherwise specified		linear		.0±.30		N.T.S		title	
angles		0°±2'		.00±.20		scale		MINITEK PWR3.0 R/A HEADER, SINGLE ROW, SMT TAILS AND HOLD DOWN	
dr		TONY LENG		2018-05-25		Amphenol FCI		dwg no	
engr		VISHNU BABU		2025-10-07				sheet 2 of 2	
chr		-		-				10136655	
appd		SPK		2025-10-07				A3	
sheet index		revision		D				type	
sheet		1		2				Product Customer Drawing	

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