



**SPECIFICATIONS:**

1. MATERIAL:  
 (A). BODY: PA46 (UL94-V0)  
 (B). PIN MATERIAL: BRASS  
 PIN FINISH:  
 TIN - 3 µm (118 µin) MIN MATTE TIN  
 OVER 2 µm (79 µin) MIN NICKEL  
 GOLD - 0.76 µm (30 µin) MIN GOLD IN  
 CONTACT AREA, 3 µm (118 µin) MIN  
 MATTE TIN IN SOLDER AREA.  
 2 µm (79 µin) MIN NICKEL UNDERPLATE  
 (C). THREADED INSERT: BRASS
2. ELECTRICAL RATING: 300V, 18A (PER UL)
3. OPERATING TEMPERATURE: -40°C to +115°C.
4. INSULATION RESISTANCE: DC 500V, 500MΩ.
5. DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.
6. BREAKDOWN VOLTAGE : 4000V.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

FUNCTIONAL SYMBOLS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIMENSION UNITS		SCALE		CURRENT REV DESC: MODIFIED SPECIFICATIONS				
MM/INCH		4:1		<p><b>molex</b></p> <p>5.08MM, EURO HEADER, RIGHT ANGLE, HI-TEMP MOUNTING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-39536-001   DOC TYPE: PSD   DOC PART: 001   REVISION: A4</p> <p>MATERIAL NUMBER: SEE SHEET-2   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 1 OF 2</p>				
GENERAL TOLERANCES (UNLESS SPECIFIED)								
4 PLACES	±	---	±					---
3 PLACES	±	---	±					SEE CHART
2 PLACES	±	SEE CHART	±					SEE CHART
DIVISIONAL SYMBOLS		1 PLACE		±		---		
		0 PLACES		±		---		
		ANGULAR TOL		±		---		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		
		B-SIZE		39536		2023/01/11		
				2023/01/17		2023/01/27		
				2006/01/09		2006/01/10		
				2006/01/09		2006/01/10		

DESCRIPTION	CIRCUIT SIZE	MATERIAL NUMBER						DIMENSIONAL INFORMATION					
		BLACK											
		100% TIN			30 u" GOLD			DIM. "A"		DIM. "B"		DIM. "C"	
		PRINTING OPTIONS			PRINTING OPTIONS			mm	inch	mm	inch	mm	inch
		None	10A	11A	None	10A	11A						
5.08MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS, HIGH TEMP	2	395364002	395364102	395364202	395364502	395364602	395364702	20.32	.800	5.08	.200	15.24	.600
5.08MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS, HIGH TEMP	3	395364003	395364103	395364203	395364503	395364603	395364703	25.40	1.000	10.16	.400	20.32	.800
5.08MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS, HIGH TEMP	4	395364004	395364104	395364204	395364504	395364604	395364704	30.48	1.200	15.24	.600	25.40	1.000

TOLERANCES			
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>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

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FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: MODIFIED SPECIFICATIONS					
FA = 0		MM/INCH		4:1		EC NO: 735568 DRWN: ABENJAMINLW 2023/01/11 CHKD: DACHAMMER 2023/01/17 APPR: JFMURPHY 2023/01/27 INITIAL REVISION: DRWN: LROTHAUS 2006/01/09 APPR: JPAWLICK 2006/01/10					
FE = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)									
FD = 0		MM		INCH							
DIVISIONAL SYMBOLS		4 PLACES ± --- ± ---		3 PLACES ± --- ± SEE CHART							
		2 PLACES ± SEE CHART ± SEE CHART		1 PLACE ± SEE CHART ± ---		DOCUMENT NUMBER		DOC TYPE		DOC PART	
		0 PLACES ± --- ± ---		ANGULAR TOL ± ---		SD-39536-001		PSD		001	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				B-SIZE		39536		GENERAL MARKET		2 OF 2	

**molex**

5.08MM, EURO HEADER, RIGHT ANGLE, HI-TEMP MOUNTING

PRODUCT CUSTOMER DRAWING

SD-39536-001 PSD 001 A4