

10 9 9 8 8 7 7 6 6 5 5 4 4 3 3 2 2 1 1

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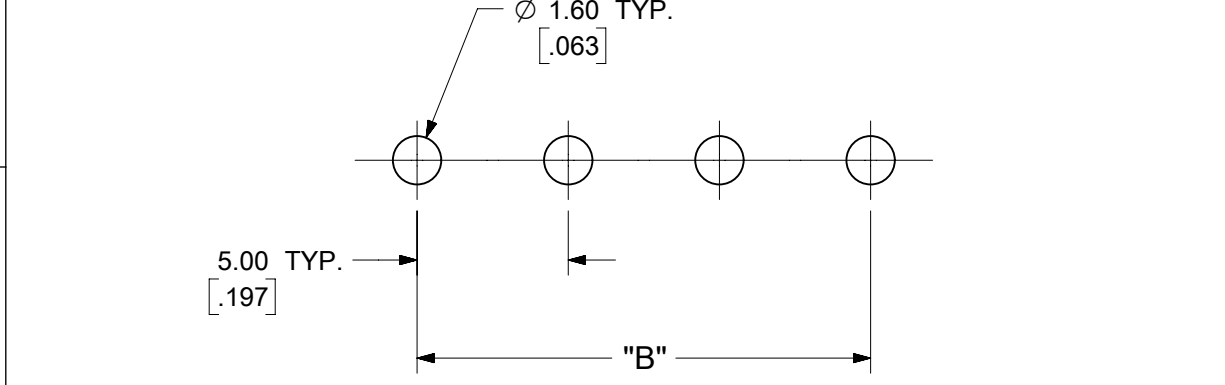
C

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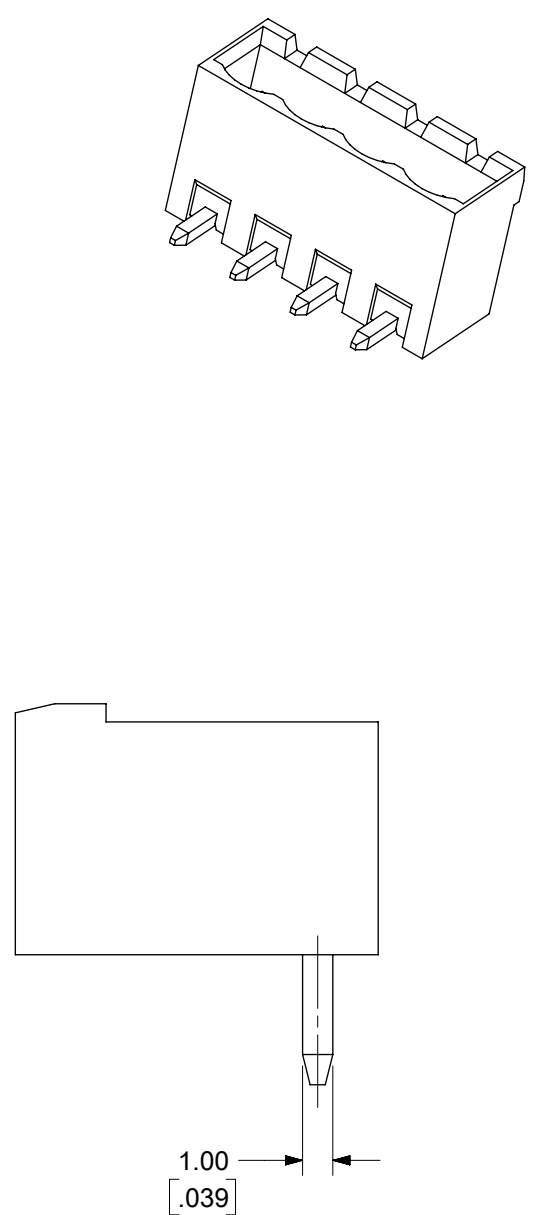
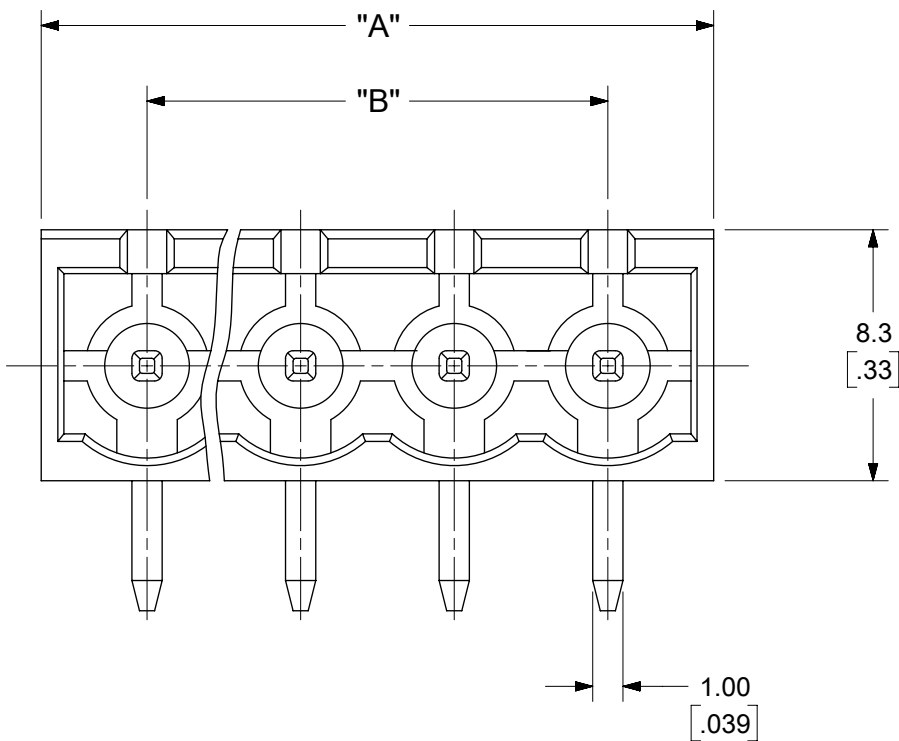
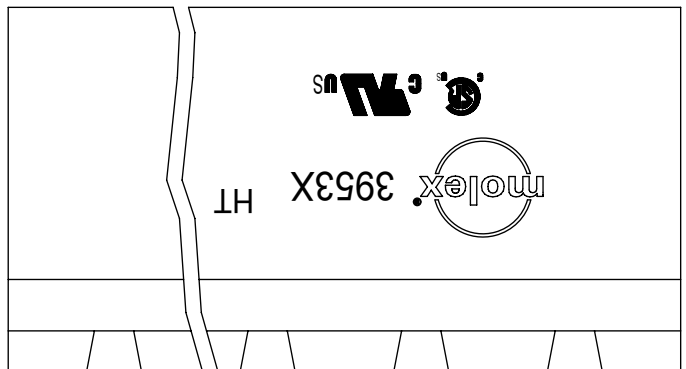
PCB LAYOUT

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
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.

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/27	16:26:22
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FORMAT: Eng-legal-master-ib-prod-B
REVISION: E1
DATE: 2021/05/01



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													
FA=0 FB=0 FC=0	DIMENSION UNITS		SCALE		CURRENT REV DESC: MODIFIED SPECIFICATIONS					molex 5.0MM, EURO HEADER, RIGHT ANGLE, HI-TEMP				
	MM/INCH		4:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
MM		INCH		EC NO: 735568 DRWN: ABENJAMINLW 2023/01/11 CHK'D: DACHAMMER 2023/01/17 APPR: JFMURPHY 2023/01/27										
4 PLACES ± --- ± ---														
3 PLACES ± --- ± SEE CHART														
DIVISIONAL SYMBOLS	2 PLACES ± SEE CHART ± SEE CHART		2 PLACES ± SEE CHART ± SEE CHART		PRODUCT CUSTOMER DRAWING									
	1 PLACE ± SEE CHART ± ---													
	0 PLACES ± --- ± ---													
	ANGULAR TOL ± ---		INITIAL REVISION: DRWN: LROTHAUS 2006/01/09 APPR: JPAWLICK 2006/01/10					DOCUMENT NUMBER SD-39522-001		DOC TYPE PSD	DOC PART 001	REVISION A4		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING B-SIZE	SERIES 39522	MATERIAL NUMBER SEE SHEET-2		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2			

5.0MM, EURO HEADER,
RIGHT ANGLE, HI-TEMP

PRODUCT CUSTOMER DRAWING

1 OF 2

F
E

E

D

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C

C

B

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A

A

10 9 9 8 8 7 7 6 6 5 5 4 4 3 3 2 2 1 1

10		9		8		7		6		5		4		3		2		1			
F																				F	
E																				E	
D																				D	
C																				C	
B																				B	
A																				A	