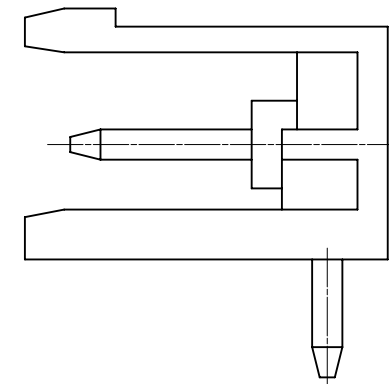
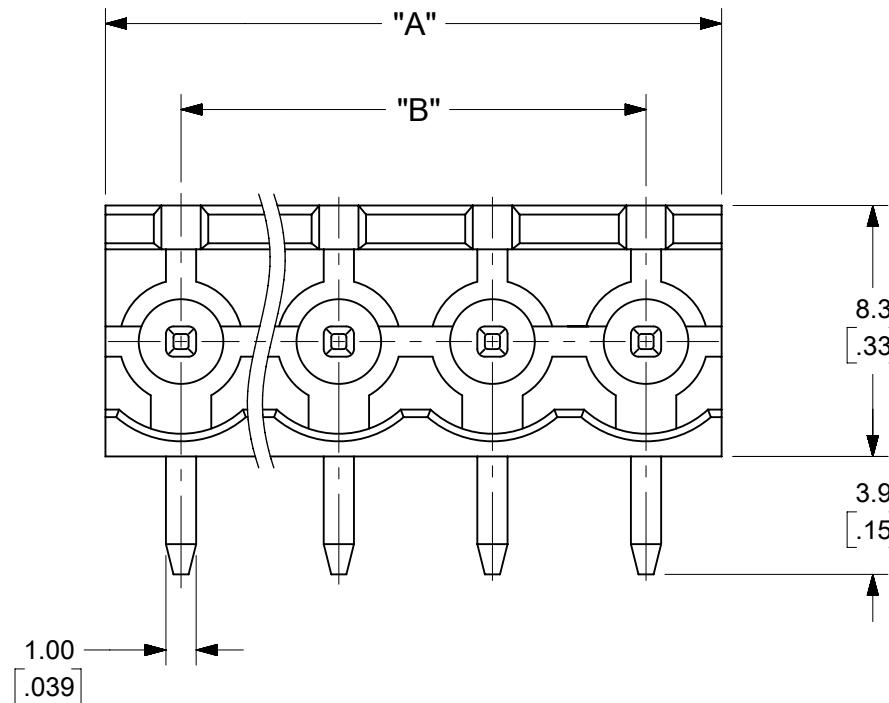
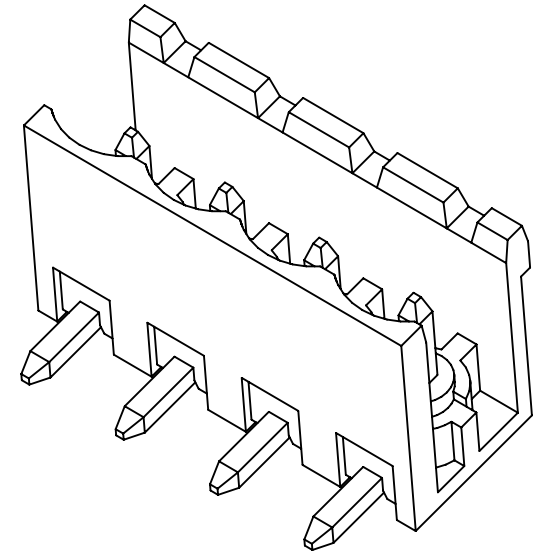




1. MATERIAL:

(A). BODY: PA66

(B). PIN: BRASS

2. WIRE RANGE: N/A

3. ELECTRICAL RATING: 300V, 15A.

4. WIRE STRIP LENGTH: N/A.

5. OPERATING TEMPERATURE: -40°C to +105°C.

6. MAX TORQUE: N/A.

7. INSULATION RESISTANCE: DC 500V, 500M.

8. DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.

9. BREAKDOWN VOLTAGE : 4000V.

10. $A = (N \times P)$

11. $B = (N - 1) \times P$

12. $P \text{ (PITCH)} = 5.0\text{MM} (.197\text{'})$.

13. $N = \text{NUMBER OF POSITIONS AVAILABLE 2 THROUGH 24.}$

A technical drawing showing a cross-section of a wire connector. It consists of a central pin (labeled B) and an outer body (labeled A). The pin is made of brass and the body is made of PA66. The drawing shows the pin inserted into the body, with a wire (labeled W) passing through the pin. The wire is shown entering from the left and exiting to the right. The pin has a wider base at the top and a narrower section where it meets the body. The body has a wider base at the top and a narrower section where it meets the pin. The drawing is a cross-section, showing the internal structure of the components.

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

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: MIGRATION TO ECTR/NX				molex							
MM/INCH		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 619931				5.0MM, EURO HEADER, RIGHT ANGLE, OPEN END									
MM		INCH		DRWN: DSOPPIN 2019/06/20				CHK'D: DACHAMMER 2019/07/01							
4 PLACES ±		±													
3 PLACES ±		±		APPR: JFMURPHY 2019/07/08				PRODUCT CUSTOMER DRAWING							
2 PLACES ±		±													
1 PLACE ±		±		INITIAL REVISION:				DOCUMENT NUMBER							
0 PLACES ±		±													
ANGULAR TOL ± °		DRWN: L.ROTHAUS 2005/06/12				DOC TYPE									
DRAFT WHEN APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
MUST REMAIN WITHIN DIMENSIONS				B-SIZE		39522									
		APPR: C.YORK 2006/06/01				SD-39522-003				PSD		001		A2	
		SEE SHEET-2				GENERAL MARKET				1 OF 2					

