

**SPECIFICATIONS:**

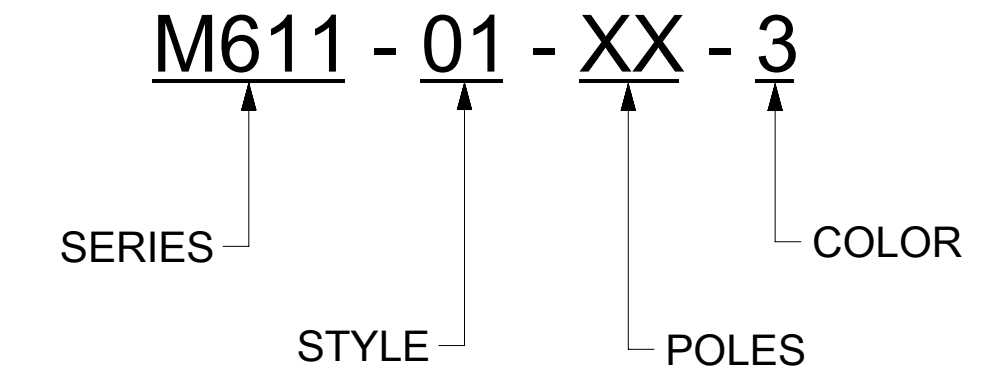
1. MATERIAL:
  - A. TERMINAL: BRASS TIN PLATED
  - B. CAGE: BRASS NICKEL PLATED
  - C. BODY: PA66 UL94 V-0
  - D. SCREW: M2 STEEL ZINC PLATED
  - E. COVER: PA66 UL94 V-0
2. RATING: 300V, 10A
3. MAX TORQUE: 2.0 LB-IN.
4. WIRE RANGE: 30-16 AWG
5. WIRE STRIP: .20 IN (5.0mm)
6. DIELECTRIC VOLTAGE WITHSTAND: AC 2000V FOR 1 MINUTE
7. INSULATION RESISTANCE: DC 500V, 500MΩ
8. RATED IMPULSE VOLTAGE: 4000V PLUS AND MINUS 5 TIMES EACH
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
11. DIMS SHOWN ARE FOR REFERENCE ONLY

PCB LAYOUT

PART NUMBER DATA							
NO. OF CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"	
				IN	mm	IN	mm
2	397470002	M611-01-02-3	GREEN	.30	7.5	.138	3.50
3	397470003	M611-01-03-3	GREEN	.43	11.0	.276	7.00
4	397470004	M611-01-04-3	GREEN	.57	14.5	.413	10.50
5	397470005	M611-01-05-3	GREEN	.71	18.0	.551	14.00
6	397470006	M611-01-06-3	GREEN	.85	21.5	.689	17.50
7	397470007	M611-01-07-3	GREEN	.98	25.0	.827	21.00
8	397470008	M611-01-08-3	GREEN	1.12	28.5	.965	24.50
9	397470009	M611-01-09-3	GREEN	1.26	32.0	1.102	28.00
10	397470010	M611-01-10-3	GREEN	1.40	35.5	1.240	31.50
11	397470011	M611-01-11-3	GREEN	1.54	39.0	1.378	35.00
12	397470012	M611-01-12-3	GREEN	1.67	42.5	1.516	38.50
13	397470013	M611-01-13-3	GREEN	1.81	46.0	1.654	42.00
14	397470014	M611-01-14-3	GREEN	1.95	49.5	1.791	45.50
15	397470015	M611-01-15-3	GREEN	2.09	53.0	1.929	49.00
16	397470016	M611-01-16-3	GREEN	2.22	56.5	2.067	52.50

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

**ENGINEERING NUMBER LEGEND**



CONTACT FACTORY FOR OPTIONAL COLORS

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 FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS <b>INCH/MM</b>		SCALE <b>4:1</b>		CURRENT REV DESC: CORRECTED "WIRE ENTRY" LOCATION					
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 706702 DRWN: ABENJAMINLW                      2022/04/08 CHK'D: DACHAMMER                      2022/05/12 APPR: JFMURPHY                      2022/05/13					
	4 PLACES ± --- ± ---		MM      INCH							
3 PLACES ± --- ± ---		SEE CHART		<b>molex</b>  EURO TERMINAL BLOCK 55 DEGREE 3.50MM						
2 PLACES ± --- ± ---		SEE CHART								
1 PLACE ± --- ± ---		SEE CHART		PRODUCT CUSTOMER DRAWING  DOCUMENT NUMBER                      DOC TYPE      DOC PART      REVISION <b>SD-39747-001</b> PSD      001      B2						
0 PLACES ± --- ± ---		SEE CHART								
ANGULAR TOL ± ---		THIRD ANGLE PROJECTION		DRAWING      SERIES		MATERIAL NUMBER      CUSTOMER		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C-SIZE		39747		SEE CHART      GENERAL MARKET		1 OF 1		