

PCB LAYOUT

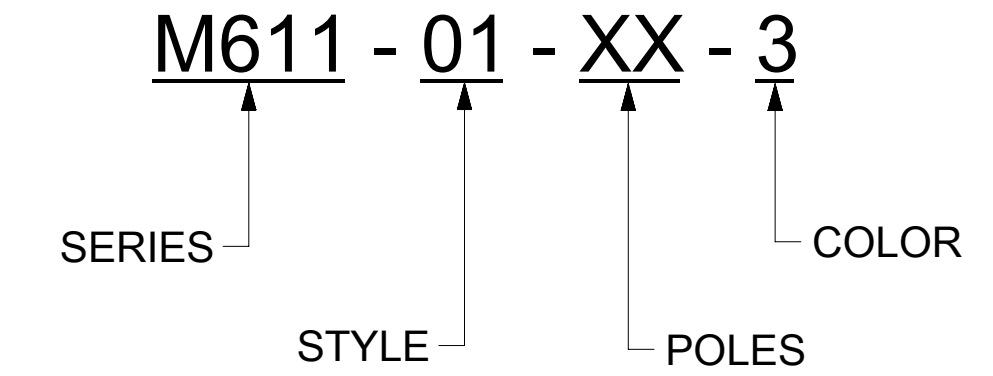
SPECIFICATIONS:

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

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