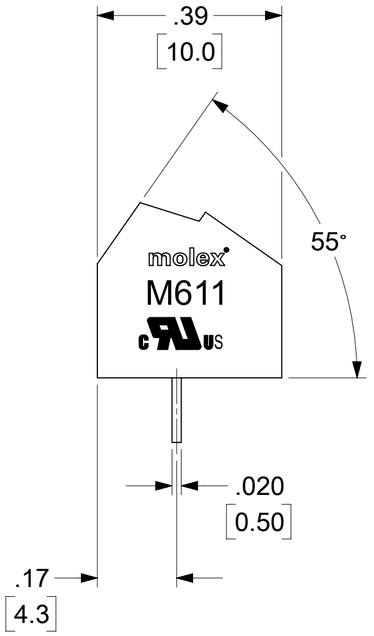
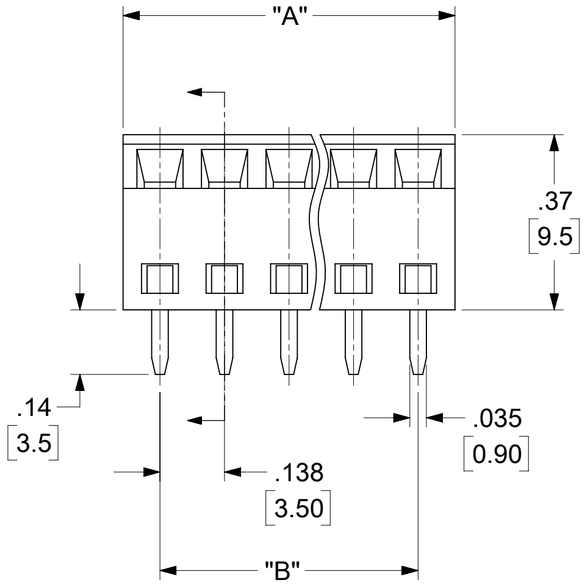
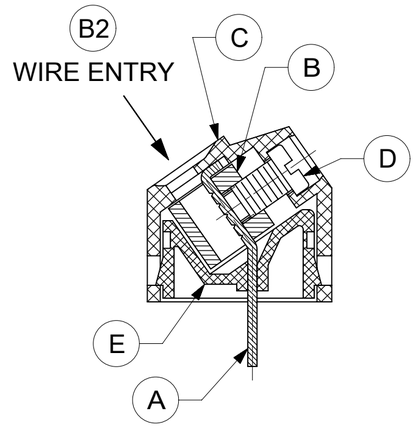






PART NUMBER DATA							
NO. OF CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"	
				IN	mm	IN	mm
2	397470002	M611-01-02-3	GREEN	.30	7.5	.138	3.50
3	397470003	M611-01-03-3	GREEN	.43	11.0	.276	7.00
4	397470004	M611-01-04-3	GREEN	.57	14.5	.413	10.50
5	397470005	M611-01-05-3	GREEN	.71	18.0	.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

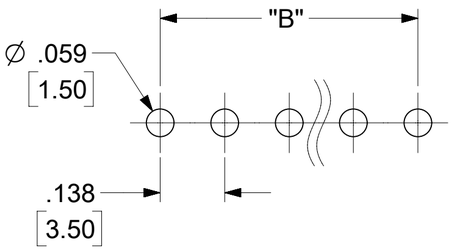
REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

ENGINEERING NUMBER LEGEND

M611 - 01 - XX - 3

SERIES — STYLE — POLES — COLOR

CONTACT FACTORY FOR OPTIONAL COLORS



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

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/13 15:39:57

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM — SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± SEE CHART
2 PLACES	± SEE CHART	± SEE CHART
1 PLACE	± SEE CHART	± ---
0 PLACES	± ---	± ---
ANGULAR TOL	± ---	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

EC NO: 706702

DRWN:	ABENJAMINLW	2022/04/08
CHK'D:	DACHAMMER	2022/05/12
APPR:	JFMURPHY	2022/05/13

INITIAL REVISION:
DRWN:
APPR:

molex

EURO TERMINAL BLOCK
55 DEGREE 3.50MM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39747-001	PSD	001	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	39747	SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01