

PART NUMBER DATA										
CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	PART NUMBER	ENGINEERING NUMBER	COLOR	"A" mm		"B" mm	
2	391002502	M800-04-02-5-M1	WHITE	391002522	M800-04-02-1-M1	BLACK	.98	25.00	.591	15.00
3	391002503	M800-04-03-5-M1	WHITE	391002523	M800-04-03-1-M1	BLACK	1.57	40.00	1.181	30.00
4	391002504	M800-04-04-5-M1	WHITE	391002524	M800-04-04-1-M1	BLACK	2.17	55.00	1.772	45.00
5	391002505	M800-04-05-5-M1	WHITE	391002525	M800-04-05-1-M1	BLACK	2.76	70.00	2.362	60.00
6	391002506	M800-04-06-5-M1	WHITE	391002526	M800-04-06-1-M1	BLACK	3.35	85.00	2.953	75.00
7	391002507	M800-04-07-5-M1	WHITE	391002527	M800-04-07-1-M1	BLACK	3.94	100.00	3.543	90.00
8	391002508	M800-04-08-5-M1	WHITE	391002528	M800-04-08-1-M1	BLACK	4.53	115.00	4.134	105.00
9	391002509	M800-04-09-5-M1	WHITE	391002529	M800-04-09-1-M1	BLACK	5.12	130.00	4.724	120.00
10	391002510	M800-04-10-5-M1	WHITE	391002530	M800-04-10-1-M1	BLACK	5.71	145.00	5.315	135.00
11	391002511	M800-04-11-5-M1	WHITE	391002531	M800-04-11-1-M1	BLACK	6.30	160.00	5.906	150.00
12	391002512	M800-04-12-5-M1	WHITE	391002532	M800-04-12-1-M1	BLACK	6.89	175.00	6.496	165.00

C5

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

NOTE: IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED. REFER TO TECHNICAL ADVISORY AS 45499-001 FOR INSTRUCTIONS.

ENGINEERING NUMBER LEGEND

M800 - 04 - XX - X - M1

SERIESPITCH = 12.0MMPOLESHIGH PROFILECOLOR

SPECIFICATIONS

1. MATERIAL:

(A). SCREW: STEEL, M3, ZINC PLATED

(B). BODY : PA66, UL94 V-0

(C). CAGE: BRASS, NICKEL PLATED

(D). TERMINAL: STAINLESS STEEL

2. RATING: 600V, 63 AMPS

3. WIRE RANGE: 14-6 AWG

4. MAX TORQUE: 20.0 IN LBS

5. DIELECTRIC VOLTAGE WITHSTAND: DC 3000V FOR 1 MINUTE

6. INSULATION RESISTANCE: DC 1000V, 100GΩ

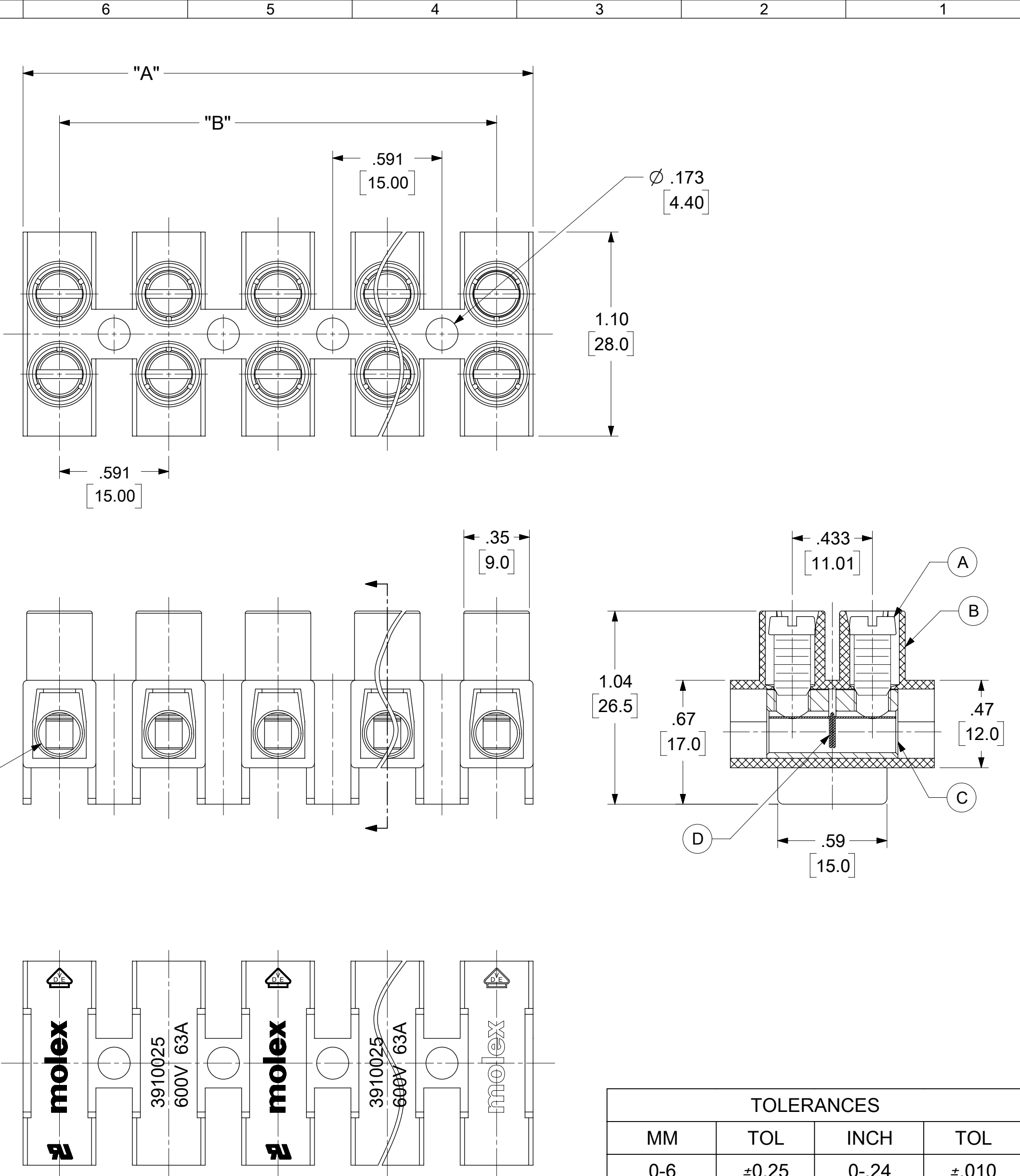
7. RATED IMPULSE VOLTAGE: 6000V, PLUS AND MINUS 5 TIMES EACH

8. STRIP LENGTH: .31 IN. (8.0mm)

9. OPERATING TEMPERATURE: -40°C TO +105°C

10. CONTACT RESISTANCE: <3mΩ

11. ALL 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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED PNS OF BLACK COLOR PARTS				molex						
	INCH/MM		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 647743 DRWN: ABENJAMINLW 2020/10/23 CHK'D: DACHAMMER 2020/10/23 APPR: JFMURPHY 2020/11/02						
	MM		INCH												
DIVISIONAL SYMBOLS	4 PLACES		±	---	±	---	TERMINAL STRIP 15MM HIGH PROFILE 600V								
	3 PLACES		±	---	±	SEE CHART									
	2 PLACES		±	SEE CHART	±	SEE CHART	PRODUCT CUSTOMER DRAWING								
	1 PLACE		±	SEE CHART	±	---									
	0 PLACES		±	---	±	---	DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION			
	ANGULAR TOL		±	---	INITIAL REVISION:		SD-39100-017		PSD	001	C5				
					DRWN: RSTONE 2014/07/11 APPR: JFMURPHY 2014/07/21										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		39100		SEE CHART		GENERAL MARKET		1 OF 1	