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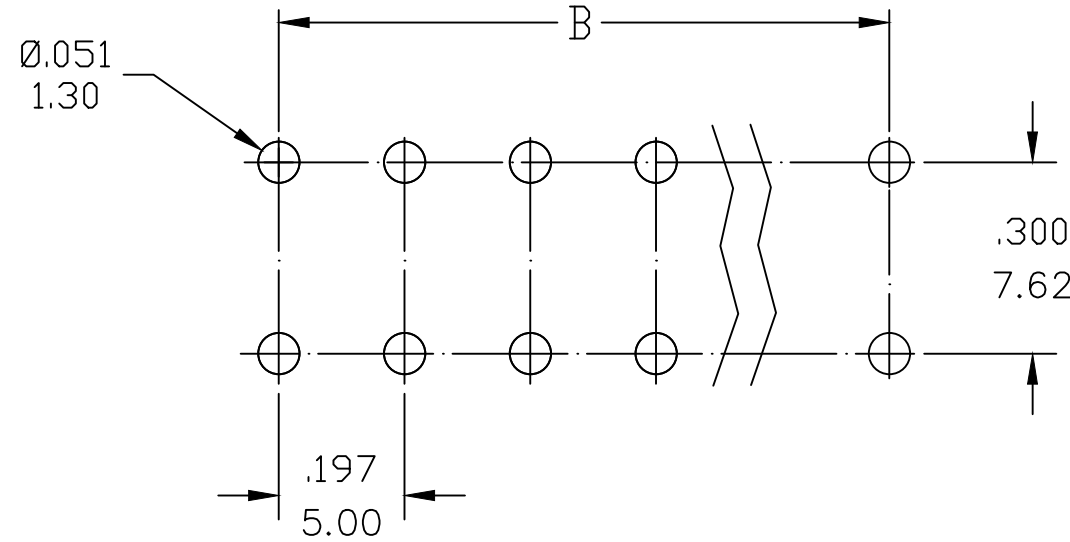
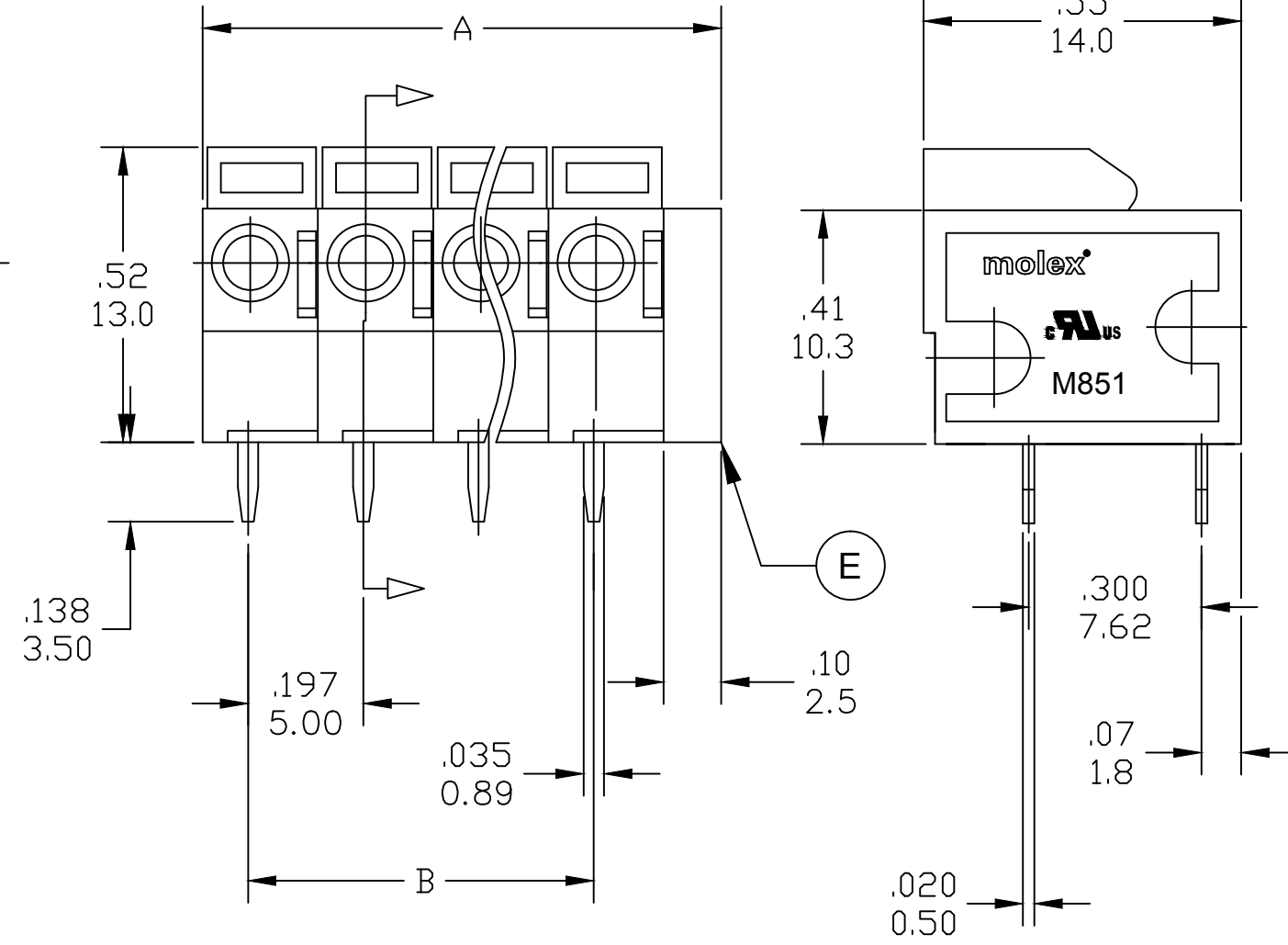
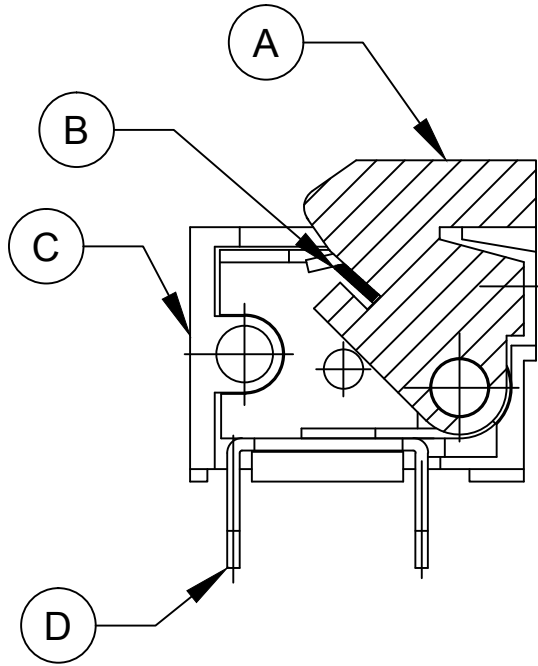
E

D

C

B

A



PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:

- A. BUTTON: PA66 UL94 V-0
- B. SPRING: ST. STEEL
- C. BODY : PA66 UL94 V-0
- D. TERMINAL: BRASS TIN PLATED
- E. COVER: PA66 UL94 V-0

2. WIRE SIZE: 22 - 14AWG

3. ELECTRICAL RATING (UL): 300V, 10A

4. WIRE STRIP LENGTH: .39 (10.0mm)

5. POWER FREQUENCY WITHSTAND: AC 2000V FOR 1 MINUTE

6. INSULATION RESISTANCE: DC 500V, 500MΩ

7. RATED IMPULSE VOLTAGE: 4000V PLUS AND MINUS 5 TIMES EACH

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

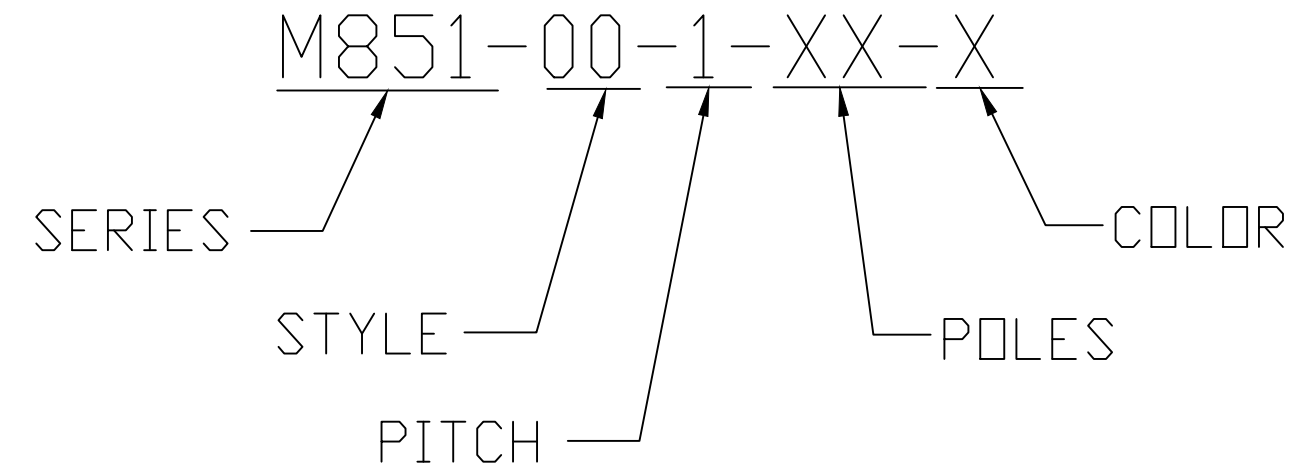
9. MAX SOLDERING TEMPERATURE: +260°C FOR 5 SECONDS

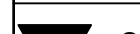
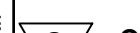
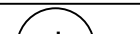
10. DIMS SHOWN ARE FOR REFERENCE ONLY

PART NUMBER DATA

CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	A IN	mm	B IN	mm
2	397000802	M851-00-1-02-3	GREEN	.49	12.5	.197	5.00
3	397000803	M851-00-1-03-3	GREEN	.69	17.5	.394	10.00
4	397000804	M851-00-1-04-3	GREEN	.89	22.5	.591	15.00
5	397000805	M851-00-1-05-3	GREEN	1.08	27.5	.787	20.00
6	397000806	M851-00-1-06-3	GREEN	1.28	32.5	.984	25.00
7	397000807	M851-00-1-07-3	GREEN	1.48	37.5	1.181	30.00
8	397000808	M851-00-1-08-3	GREEN	1.67	42.5	1.378	35.00
9	397000809	M851-00-1-09-3	GREEN	1.87	47.5	1.575	40.00
10	397000810	M851-00-1-10-3	GREEN	2.07	52.5	1.772	45.00
11	397000811	M851-00-1-11-3	GREEN	2.27	57.5	1.969	50.00
12	397000812	M851-00-1-12-3	GREEN	2.46	62.5	2.165	55.00
13	397000813	M851-00-1-13-3	GREEN	2.66	67.5	2.362	60.00
14	397000814	M851-00-1-14-3	GREEN	2.86	72.5	2.559	65.00
15	397000815	M851-00-1-15-3	GREEN	3.05	77.5	2.756	70.00
16	397000816	M851-00-1-16-3	GREEN	3.25	82.5	2.953	75.00
17	397000817	M851-00-1-17-3	GREEN	3.45	87.5	3.150	80.00
18	397000818	M851-00-1-18-3	GREEN	3.64	92.5	3.346	85.00
19	397000819	M851-00-1-19-3	GREEN	3.84	97.5	3.543	90.00
20	397000820	M851-00-1-20-3	GREEN	4.04	102.5	3.740	95.00
21	397000821	M851-00-1-21-3	GREEN	4.23	107.5	3.937	100.00
22	397000822	M851-00-1-22-3	GREEN	4.43	112.5	4.134	105.00
23	397000823	M851-00-1-23-3	GREEN	4.63	117.5	4.331	110.00
24	397000824	M851-00-1-24-3	GREEN	4.82	122.5	4.528	115.00

ENGINEERING NUMBER LEGEND



CORRECTED ENG NO'S EC NO.: IPG2014-1194 DRWN: RSTONE 27/14 CH'KD: G FARNSW APPR: JFMURPHY 2013/12/26 B		DESCRIPTION REV	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			 =0  =0		mm	INCH	DRAWN BY	DATE	TITLE SPRING TERMINAL BLOCK .197 (5.00) PITCH HORIZONTAL MODULAR  MOLEX INCORPORATED			
				4 PLACES	±---	±---	RSTONE	2013/11/15				
				3 PLACES	±---	±.005	CHECKED BY	DATE				
				2 PLACES	±0.13	±.01	G FARNSW	2013/12/20				
				1 PLACE	±0.3	±---	APPROVED BY	DATE				
			ANGULAR ±---°			JFMURPHY	2013/12/26	DOCUMENT NO. SD-39700-009				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 1				
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					