

Excellent Integrated System Limited

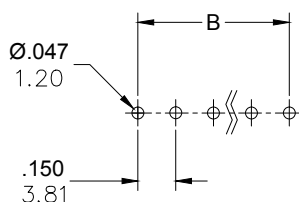
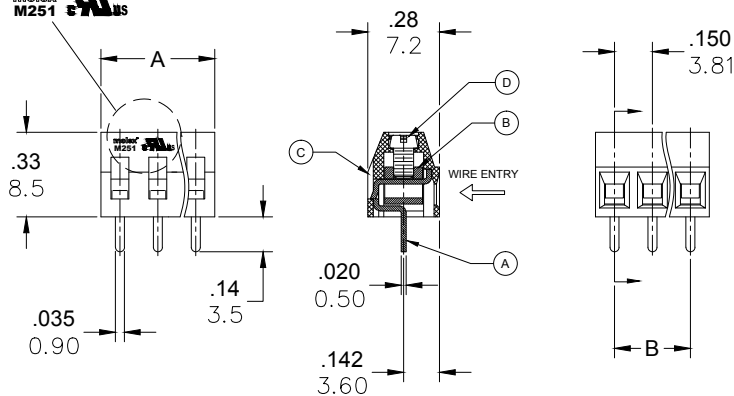
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0397400009](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

molex
M251

PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:

- TERMINAL: BRASS TIN PLATED
- CAGE: BRASS NICKEL PLATED
- BODY: PA66 UL94 V-0
- SCREW: M2 STEEL ZINC PLATED

2. RATING: 300V, 10A

3. MAX TORQUE: 2.1 LB-IN.

4. WIRE RANGE: 30-16 AWG

5. WIRE STRIP: .18 IN (4.5mm)

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

CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	A IN mm	B IN mm
2	397400002	M251-02-02-3	GREEN	.30	7.6
3	397400003	M251-02-03-3	GREEN	.45	11.4
4	397400004	M251-02-04-3	GREEN	.60	15.2
5	397400005	M251-02-05-3	GREEN	.75	19.0
6	397400006	M251-02-06-3	GREEN	.90	22.9
7	397400007	M251-02-07-3	GREEN	1.05	26.7
8	397400008	M251-02-08-3	GREEN	1.20	30.5
9	397400009	M251-02-09-3	GREEN	1.35	34.3
10	397400010	M251-02-10-3	GREEN	1.50	38.1
11	397400011	M251-02-11-3	GREEN	1.65	41.9
12	397400012	M251-02-12-3	GREEN	1.80	45.7
13		M251-02-13-3	GREEN	1.95	49.5
14		M251-02-14-3	GREEN	2.10	53.3
15		M251-02-15-3	GREEN	2.25	57.1
16		M251-02-16-3	GREEN	2.40	61.0
17		M251-02-17-3	GREEN	2.55	64.8
18		M251-02-18-3	GREEN	2.70	68.6
19		M251-02-19-3	GREEN	2.85	72.4
20		M251-02-20-3	GREEN	3.00	76.2
21		M251-02-21-3	GREEN	3.15	80.0
22		M251-02-22-3	GREEN	3.30	83.8
23		M251-02-23-3	GREEN	3.45	87.6
24		M251-02-24-3	GREEN	3.60	91.4

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

ENGINEERING NUMBER LEGEND

MM251-02-XX-3

SERIES: MM, STYLE: 251, POLES: 02, COLOR: 3

CONTACT FACTORY FOR OPTIONAL COLORS

RELEASED EC NO: JPC2014-1936 DRWN: RSTONE CHKD: G FARNSW APPR: JFMURPHY REV: A	QUALITY SYMBOL ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	SHEET NO. 1 OF 1	
				IN/MM		---	METRIC			
		mm INCH		DRAWN BY	DATE	TITLE				EURO TERMINAL BLOCK VERTICAL 3.81MM ---
		4 PLACES ±.005 ±.005		RSTONE 2014/05/08		MOLEX INCORPORATED				
		3 PLACES ±.010 ±.010		CHECKED BY						
		2 PLACES ±0.13 ±0.01		G FARNSW						
		1 PLACE ±0.3		APPROVED BY						
		ANGULAR ±.5°		JFMURPHY 2014/10/16		DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-39740-001				
				SEE CHART						
		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						