

Resistor Marking

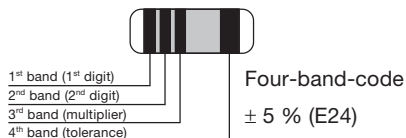


MARKING OF MELF-RESISTOR STYLES 0102, 0204, 0207

Color code according to IEC 60062

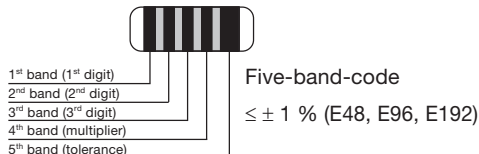
Type:

SMM0204



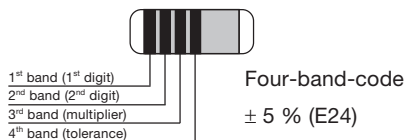
Type:

SMM0102
SMM0204
MS1



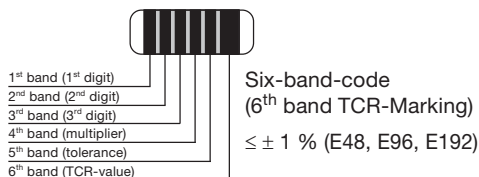
Type:

SMM0207



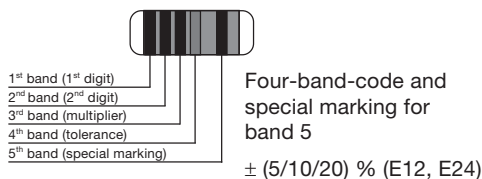
Type:

SMM0207



Type:

LCM0207SI



MARKING OF CHIP RESISTOR STYLE 0603 TO 2512

2 %, 5 %, 10 % (E24)		≤ 1 %, 2 % (E24, E48/E96)	
NOMINAL VALUE	MARKING	NOMINAL VALUE	MARKING
0.01 Ω to 0.091 Ω	10L0 to 91L0	0.01 Ω to 0.091 Ω	10L0 to 91L0
0.1 Ω to 0.91 Ω	R10 to R91	0.1 Ω to 0.976 Ω	R100 to R976
1 Ω to 9.1 Ω	1R0 to 9R1	1 Ω to 9.76 Ω	1R00 to 9R76
10 Ω to 91 Ω	100 to 910	10 Ω to 97.6 Ω	10R0 to 97R6
100 Ω to 910 Ω	101 to 911	100 Ω to 976 Ω	1000 to 9760
1 kΩ to 9.1 kΩ	102 to 912	1 kΩ to 9.76 kΩ	1001 to 9761
10 kΩ to 91 kΩ	103 to 913	10 kΩ to 97.6 kΩ	1002 to 9762
100 kΩ to 910 kΩ	104 to 914	100 kΩ to 976 kΩ	1003 to 9763
1 MΩ to 9.1 MΩ	105 to 915	1 MΩ to 9.76 MΩ	1004 to 9764
10 MΩ to 91 MΩ	106 to 916	10 MΩ to 97.6 MΩ	1005 to 9765
100 MΩ to 910 MΩ	107 to 917	100 MΩ to 976 MΩ	1006 to 9766

COLOR CODE

COLOR	DIGIT	MULTIPLIER	TOLERANCE
None			± 20 %
Silver		10 ⁻²	± 10 %
Gold		10 ⁻¹	± 5 %
Black	0	10 ⁰	
Brown	1	10 ¹	± 1 %
Red	2	10 ²	± 2 %
Orange	3	10 ³	
Yellow	4	10 ⁴	
Green	5	10 ⁵	± 0.5 %
Blue	6	10 ⁶	± 0.25 %
Violet	7	10 ⁷	± 0.1 %
Grey	8	10 ⁸	
White	9	10 ⁹	

TEMPERATURE COEFFICIENT MARKING

TCR ppm/K	COLOR CODE 6th BAND
± 100	Brown
± 50	Red
± 25	Yellow
± 15	Orange
± 10	Blue
± 5	Violet