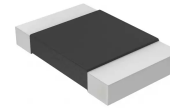
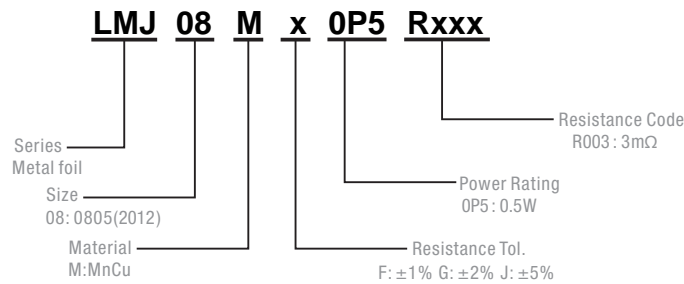


Description

- Proprietary processing technique produces extremely low resistance values
- Very low inductance
- Low thermal EMF
- Metallic Material



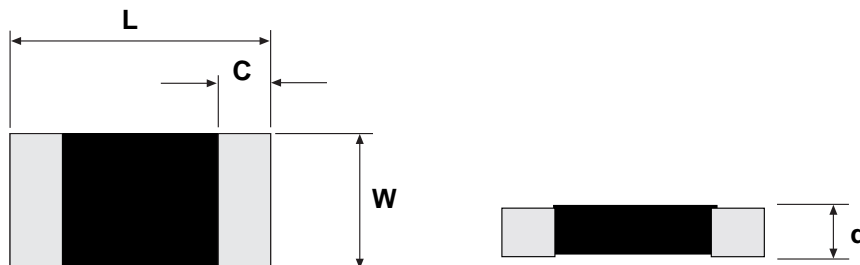
Part Numbering System



Parameter	Standard
Power Rating	0.5W
Resistance Value	3~20mΩ
Operating Temperature Range	-55 to +170°C
Component Temperature Coefficient (TCR)	± 50 ppm/°C
Maximum Working Voltage (V)	$(P \times R)^{1/2}$
Rating Current(A)	$(P / R)^{1/2}$

P=Power Rating; R=Resistance Value

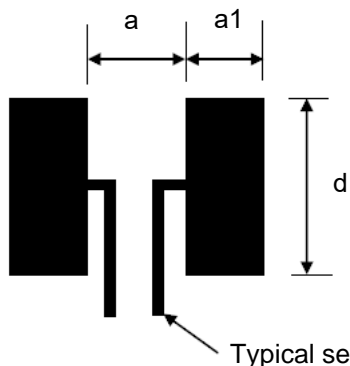
Dimensions



Unit: Millimeters

Series	L	W	C	t	Material
LMJ08	2.0±0.1	1.25±0.1	0.65±0.2 (1 < R ≤ 2)	0.6 ±0.20	Strip : Alloy Over Coating : molding Compound UL-94V-0 grade
			0.4±0.2 (3 ≤ R ≤ 20)		

Recommended land pattern



Unit: Millimeters

Resistance Range (Ω)	d	a1	a
0.0015~0.002	1.4	1.15	0.7
0.003~0.020	1.4	1.15	1

Packaging

Quantity: 5, 000pcs

8mm wide tape on 178mm(7 inch)
diameter reel -specification EIA
Standard 481.

Performance

Test Items	Conditions of Test	Test Limits
Thermal shock	- 55 °C to + 150 °C, 300 cycles, 15 min at each extreme	$\pm 1.0 \%$
Short time overload	5 x rated power for 5 s	$\pm 0.5 \%$
Low temperature operation	- 55 °C, 1000 h	$\pm 0.5 \%$
High temperature exposure	1000h at + 170 °C	$\pm 1.0 \%$
Moisture resistance	MIL-STD- 202, method 106, 0 % power, 7b not required	$\pm 1.0 \%$
Load life	1000 h at 70 °C , 1.5 h "ON", 0.5 h "OFF"	$\pm 1.0 \%$
Resistance to bonding exposure	260 °C for 10 s	$\pm 0.5 \%$

Derating Curve

