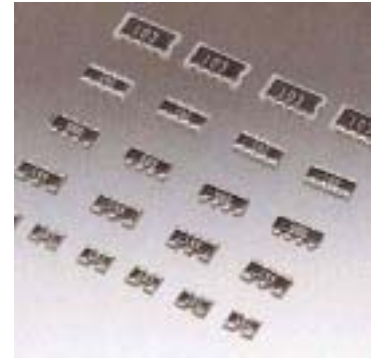


### FEATURES

- Miniature, light - weight
- High reliability due to glass protective film
- Superior resistance to soldering heat from nickel barrier layer



### HOW TO ORDER

RCM	L08W	103	J	T
Product code	Type	Resistance Value	Tolerance	Code    Packing Style
Thick Film Chip Network Resistor	L08W    0603 C08W    1206	The First two digits are significant figure of resistance and the third one expresses number of following zeros. letter R is decimal point. Jumper is expressed by 000	Code    Tolerance F        +1% G        +2% J        +5% O        Chip Jumper	T        Tape & Reel B        Bulk

### RATED POWER

Item	RCML08W	RCMC08W
Rated Power	1-16W	1/8W
Max. Operating Voltage	50V	200V
Max. Over Load Voltage	100V	400V
Resistance Tolerance	±1%(F)    ±2%(G)    ±5%(J)	
Resistance Range	E-24, E-96 Series	
Jumper Rated Current	1A	2A
Jumper Resistance Value	50mΩ Max	
Operating Temp. Range	-55°C ~ +125°C	
Temperature Coefficient	±250ppm/°C / ±100ppm/°C	
Rated Temperature	+70°C	

Item	Specifications	Test Methods (JIS C 5202)
Temperature Cycling	±(1.0% + 0.05Ω)	-55°C ~ +125°C
Short Time Over Load	±(2% + 0.1Ω)	Rated Voltage x 2.5 for 5 seconds
Resistance To Soldering Heat	±(1% + 0.05Ω)	260°C ± 5°C for 10 seconds
Moisture Loading Life	±(3% + 0.1Ω)	40°C ± 3°C 90-95% RH 1000Hrs at RCWV 1.5Hrs ON, 0.5Hrs OFF
Load Life	±(3% + 0.1Ω)	70°C ± 2°C, 1000Hrs at RCWV 1.5Hrs ON, 0.5Hrs OFF
Solderability	Coverage >=95%	235°C ± 5°C, for 3 seconds
Bending Strength	±(1% + 0.05Ω)	Bending Distance: 3mm (10 seconds)

### DIMENSIONS

Type	L	W	T	A	B	P	C
RCML08W	3.2 ± 0.10	1.6 ± 0.15	0.5 ± 0.10	0.5 ± 0.15	0.3 ± 0.15	0.8 ± 0.1	0.3 ± 0.15
RCMC08W	5.08 ± 0.30	3.2 ± 0.20	0.6 ± 0.10	0.9 ± 0.15	0.5 ± 0.2	1.27 ± 0.1	0.5 ± 0.15

### PACKAGING QUANTITY

Tape & Reel (PCs / Reel)		Bulk (PCs / Reel)	
RCML08W	RCMC08W	RCML08W	RCMC08W
5000pcs / reel	4000pcs / reel	1000pcs per plastic bag	

### CIRCUIT CONFIGURATION

