

產品編碼 PART NUMBER SYSTEM

R M O - A - 1 0 4 J 1 1 0 S

Product Code	
Fixed	
Metal	
Oxide	
Film	
Resistors	

Tape & Forming	
Code	Features
- T	Taped box
- A	Axial bulk
- F	F-type bulk
- M	M-type bulk

Size feature	
Code	Size
-	Normal
S	Mini

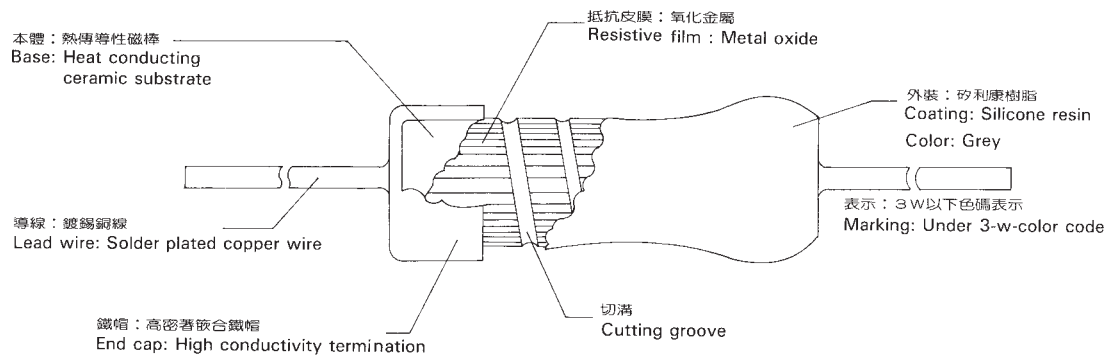
Power Rating Code	
Code	Power Rating
104	1/4W
102	1/2W
100	1W
200	2W
300	3W

Resistance Tolerance	
Code	Tol.
J	±5%

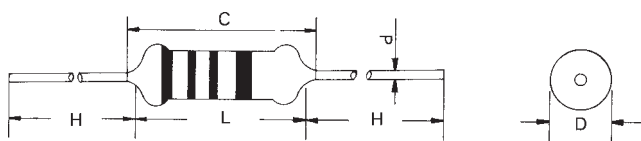
Resistance Value	
Code	Resistance
101	0.1 Ω
110	1 Ω
210	10 Ω
310	100 Ω
410	1k Ω

Taped type	
Code	Type
Nil	52mm
S	26mm

構造 CONSTRUCTION



尺寸圖 DIMENSION



塗裝色：灰色 Coating Color: GREY

型號 Part Number	尺寸 DIMENSION (mm)				
	L ± 1	C max	D ± 0.5	d (nominal)	H ± 3
RMO-A-104 RMO-AS102	6.5	7	2.3	0.6	26
RMO-A-102 RMO-AS100	9	11.1	3.5 ± 0.5	0.7	26
RMO-A-100 RMO-AS200	11.5	14.6	4.5 ± 0.5	0.8	26
RMO-A-200 RMO-AS300	15.5	18	6 ± 1	0.8	26
RMO-A-300	24.5	28	9 ± 1	0.8	28

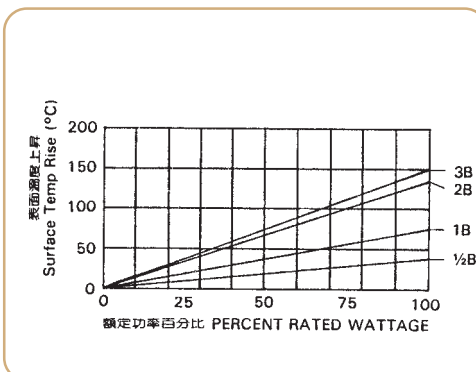
定 格 RATINGS

額定功率 POWER RATING	最高使用電壓 MAX. WORKING V.	最高過負 荷電壓 MAX. OVERLOAD V.	額定周圍溫度 RATING AMBIENT TEMP	阻值範圍 RESISTANCE RANGE	阻值容許差 RESISTANCE TOLERANCE
1/4W	250V	300V	70 °C	0.2Ω - 100KΩ	F. G. J.
1/2W	250V	400V		0.2Ω - 100KΩ	
1 W	350V	600V		0.2Ω - 100KΩ	
2 W	350V	600V		0.2Ω - 120KΩ	
3 W	500V	800V		0.2Ω - 150KΩ	

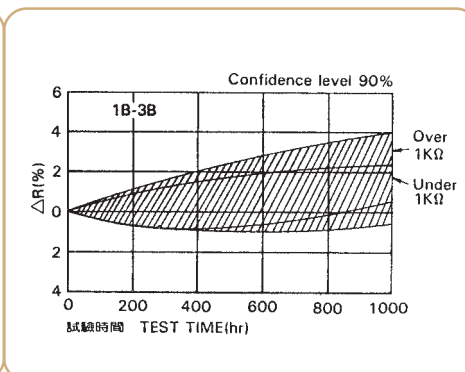
性 能 CHARACTERISTICS

項 目 REQUIREMENTS	性能 CHARACTERISTICS	試驗方法 TEST METHOD		
		JIS C 5202	MIL-R-22684B	
使用溫度範圍 Operating Temp. Range	- 55 °C ~ 200 °C	-	-	
溫度係數 Temp. Coefficient (ppm / °C)	±200	5.2	4.6. 11	
最大變化率 Max. Resistance Changes	短時間過負荷 Short Time Overload	±(0.5% + 0.05Ω)	5.5 條件 A	4.6. 5.
	焊錫耐熱性 Effect of soldering	±(0.5% + 0.05Ω)	6.4 350 °C 2Sec	4.6. 9
	溫度循環 Temp. Cycling	±(0.5% + 0.05Ω)	7.4 - 55 °C / 85 °C	4.6. 3
	耐濕負荷 Moisture Resistance	±5%	7.9 1,000hr	4.6. 10
	負荷壽命 Load Life	±5%	7.10 1,000hr	4.6. 12
耐 電 壓 Dielectric withstanding Voltage	±(0.5% + 0.05Ω)	5.7 條件 A	4.6. 7	
絕 緣 電 阻 Insulation Resistance	Over 10 ⁴ MΩ	5.6 條件 A	4.6. 8	
不 燃 性 Non-Combustibility	依照 UL 492.2B 之試驗方法 13 之過負荷試驗結果無燃燒危險 The resistor shall withstand Overload test in accordance with Article UL 492.2 13 without producing a fire hazard.			
耐 溶 劑 性 Resistance to Solvents	外觀 • 表示無任何損傷 No damage on the appearance, color bands.	超音波容具中 0.3W/cm ² , 28K H 2 溫度 35 ± 5 °C 浸 2 分鐘 (適用溶劑) 氟利昂 (FREON) TE 氟利昂 TMC 異丙醇 (isopropyl alcohol)		

表面溫度上昇 SURFACE TEMP RISE



負荷壽命 LOAD LIFE (1B-3B)



雜音 CURRENT NOISE

