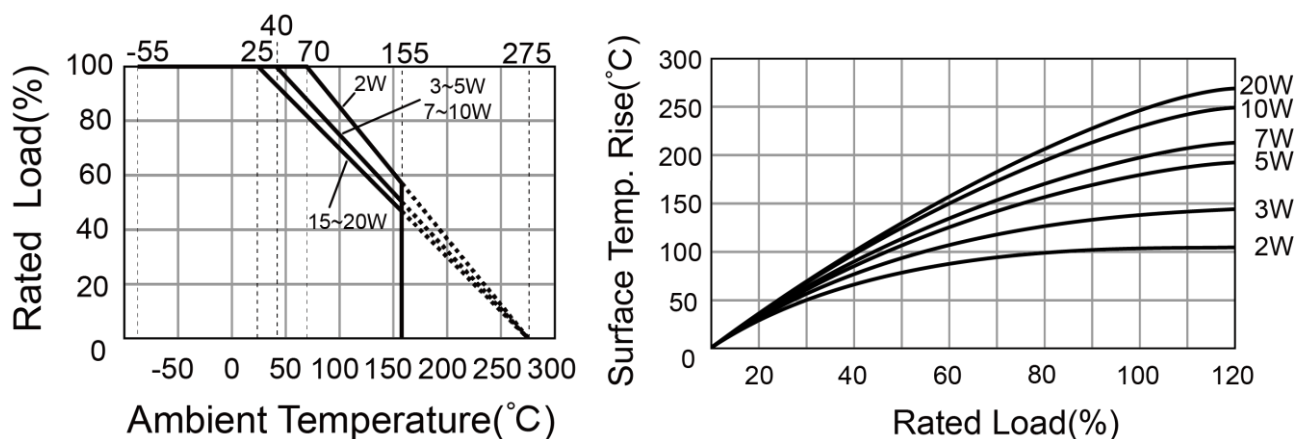


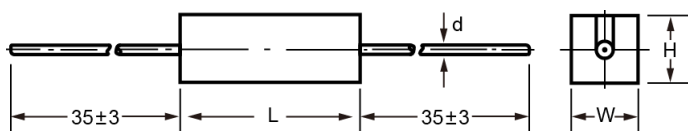
PRODUCT FEATURE 產品特性

1. Low noise
2. High power capacity, small size
3. Excellent insulated character suitable for P.C.B.
4. Non-inductive type up to 50Ω available
5. The winding cores will be replaced by MOF cutting cores ($100\Omega \sim 100K$)
6. The special products can be used with metal glazed (high voltage ; high value)

DERATING CURVE & TEMPERATURE RISE 負荷驟減曲線&溫度上升圖



DIMENSIONS 外型寸法



WATT	DIMENSIONS (m/m)				OHM(Ω)		MAX WORKING VOLTAGE
	W	L	H	d	W.W.	M.O.F	
2W	7.5±1.0	18±1.0	7.5±1.0	0.65±0.03	0.1~50	50~33K	150
3W	8.5±1.0	22±1.0	8.5±1.0	0.78±0.03	0.1~50	50~33K	300
4W	6±1.0	25±1.0	6±1.0	0.78±0.03	0.02~50	50~33K	300
5W	9.5±1.0	22±1.0	9±1.0	0.78±0.03	0.03~100	100~100K	350
7W	9.5±1.0	35±1.0	9.5±1.0	0.78±0.03	0.1~100	100~100K	500
10W	9.5±1.0	48±1.0	9±1.0	0.78±0.03	0.1~100	100~100K	500
15W	12.5±1.0	48±1.0	12.5±1.0	0.78±0.03	0.1~100	100~150K	500
20W	14±1.0	60±1.0	13±1.0	0.78±0.03	0.1~100	100~150K	500
30W	19±1.0	75±2.0	19±1.0	0.78±0.03	0.1~500	100~150K	1000
40W	19±1.0	90±2.0	19±1.0	0.78±0.03	0.1~100	100~150K	1000

ENVIRONMENTAL CHARACTERISTICS 環境變數

*Rated Continuous Working Voltage (RCWV) = $\sqrt{\text{POWER RATING} \times \text{RESISTANCE VALUE}}$

PERFORMANCE TEST	TEST METHOD	W.W.	MOF.
SHORT TIME OVERLOAD	JIS-C-5202 5.5 10 times RCWV for 5 seconds	$\pm(2\%+0.05\Omega)$	$\pm(0.25\%+0.05\Omega)$
SOLDER ABILITY	JIS-C5202 6.5 235 $\pm$ 5°C for 2 $\pm$ 0.5 sec. dipping	95% min. coverage	95% min. coverage
TEMPERATURE COEFFICIENT	Resistance value at room Temperature and room Temperature+100°C	$\pm 400\text{ppm}$	$\pm 200\text{ppm}$
LOAD LIFE IN HUMIDITY	JIS-C5202 7.9 40 $\pm$ 2°C 90~95%RH at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	$\pm(5\%+0.05\Omega)$	$\pm(1.5\%+0.05\Omega)$
PULSE OVERLOAD	JIS-C5202 5.8 4 times RCWV for 10000 cycles (1sec. on , 25secs.off)	MAX.1500V $\pm(1\%+0.05\Omega)$	MAX.1500V $\pm(1\%+0.05\Omega)$
LOAD LIFE	JIS-C5202 7.10 70°C at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	$\pm(5\%+0.05\Omega)$	$\pm(1.5\%+0.05\Omega)$
Dielectric Strength	1000V for 1min. applied	$\pm(5\%+0.05\Omega)$	$\pm(5\%+0.05\Omega)$

SPEC. DESCRIPTION 規格料號

STYLE	TYPE			POWER RATING	RESISTANCE VALUE		TOLERANCE	
SQ	P		Standard	2W	R01	0.01 Ω	F	$\pm 1\%$
				3W	1R	1 Ω	G	$\pm 2\%$
	N		Non-Inductive	5W	100R	100 Ω	J	$\pm 5\%$
				7W	1K2	1.2K Ω	K	$\pm 10\%$
				10W	82K	82K		