

Metal Oxide Film Fixed Resistors
RSM Series

酸化金属皮膜固定抵抗器

FEATURES

- Having a Flame-proof coating, this insulated type will not burn under its own heat generation or by an external flame.
- Conform RoHS

特長

- 不燃性塗装絶縁形ですので、自己発熱や外部炎により燃焼しません。
- RoHS適合品です。

APPLICATIONS

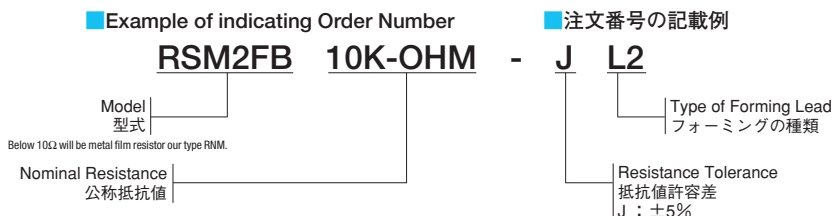
- TV, VCR, Audio, and other Consumer Equipment, as well as Printers and other Terminal Equipment, Car Audio, Communication Equipment, Measuring Equipment, and other Industrial Equipment.

用途

- テレビ、VTR、オーディオ等の民生機器およびプリンタを始めとする端末機器、電装品、通信機、計測器等の産業機器。

TYPE DESIGNATION

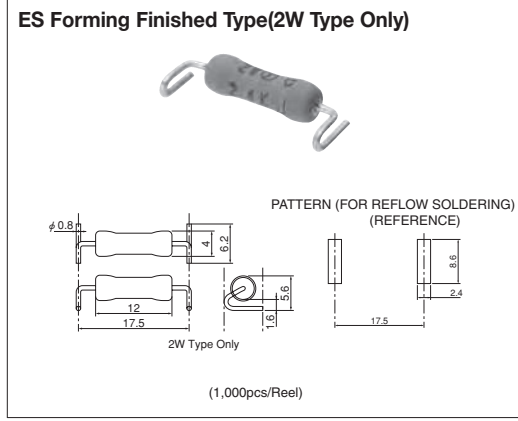
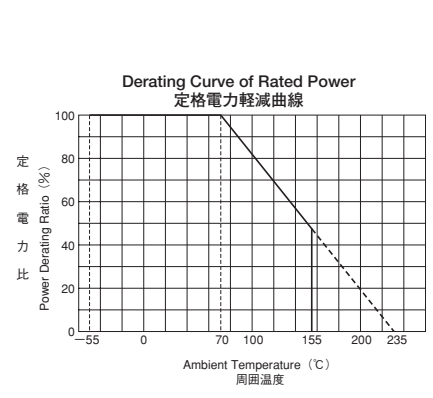
品名構成



DIMENSIONS

外形寸法

Model	Dimensions (mm)				Dimensions (mm)								Dimensions (mm)		Minimum order
	L	D	d±0.02	ℓ	L	D	d±0.02	P±1	H1±1	H2±1	W	W±1	P±0.5		
RSM1/2FB	6.4	2.3±0.5	0.6	27 min	6.4	2.3±0.5	0.6	10.0	7.0	5.5	1 min	26 or 52	5	2,000 pcs	
RSM1FB	9.0	2.8±0.5	0.8	27 min	9.0	2.8±0.5	0.8	12.5	7.0	5.5	1.25 min	52	5	2,000 pcs	
RSM2FB	12.0	4.0±1	0.8	27 min	12.0	4.0±1	0.8	15.0	7.0	5.5	1.25 min	52	5	2,000 pcs	
RSM3FB	15.0	5.5±1	0.8	38±3	15.0	5.5±1	0.8	20.0	8.0	5.5	1.25 min	63	10	1,000 pcs	



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RATING 定格

Model	Rating				Resistance Tolerance	Minimum order is 1,000 pcs			
	Rated Power 70°C (W)	Maximum Operating Voltage(V)	Maximum Intermittent Overload Voltage (V)	Resistance Range (Ω) (E24 series)		E24 Series Table			
RSM1/2FB	0.5	250	500	0.2-47K	J (±5%)	10	18	33	56
RSM1FB	1	350	750	0.2-68K		11	20	36	62
RSM2FB	2	350	750	0.2-100K		12	22	39	68
RSM3FB	3	350	750	0.2-120K		13	24	43	75
						15	27	47	82
						16	30	51	91

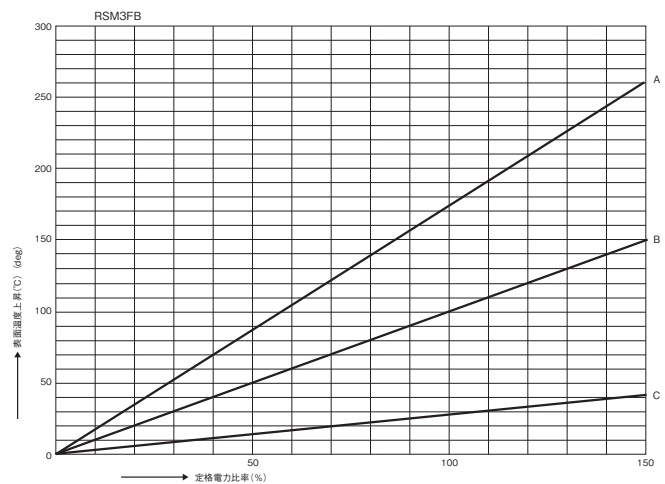
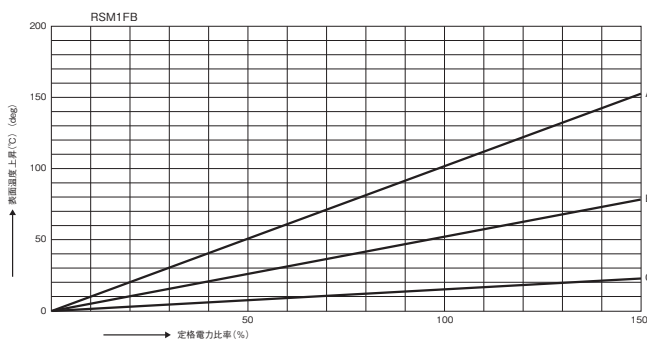
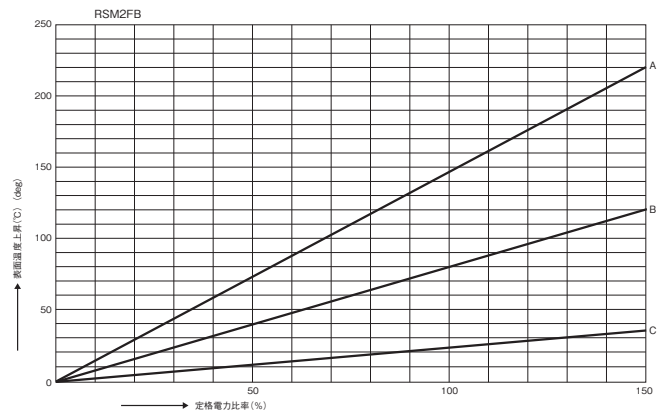
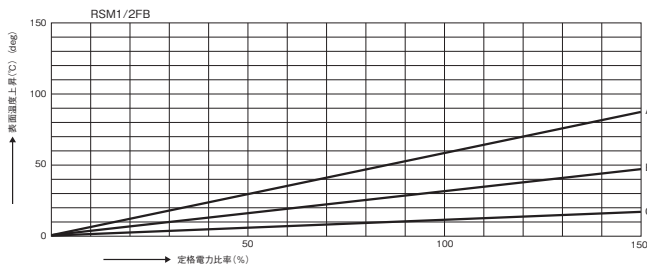
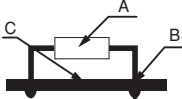
Below 10Ω will be metal film resistor our type RNM.

SPECIFICATIONS 仕様

Operating Temperature 使用温度範囲	-55 to +155°C
Temperature Characteristics of Resistance 抵抗温度特性	±350ppm/°C or Less
Dielectric Strength 耐電圧	RSM1/2FB = 350V RSM 1 FB = 500V RSM 2 FB = 500V RSM 3 FB = 700V
Short-Ture Overload 短時間過負荷	Witin±(2%+0.05Ω) at 5sec of Ratad Power*2.5 定格電圧2.5倍の電圧5秒間印加、30分放置後の抵抗値変化±(2%+0.05Ω)以内
Solderability はんだ付け性	260°C at 5sec
Esistance to Soldering Loading 耐久性(耐湿負荷)	Witin±(5%+0.05Ω) at 1000H of the 1.5h-on 0.5-off & Ratad Power 40deg & 95%RH 温度40°C、湿度95%RH槽中、定格電圧を1.5時間負荷、0.5時間切るサイクル1000時間行った後、Witin±(5%+0.05Ω)以内
Endurance(Rated Loading) 耐久性(定格負荷)	Witin±(5%+0.05Ω) at 1000H of the 1.5h-on 0.5-off & Ratad Power 70deg 温度70°C槽中、定格電圧を1.5時間負荷、0.5時間切るサイクル1000時間行った後、Witin±(5%+0.05Ω)以内
Flammability 不燃性	No evidence of flaming or self-flaming 発炎しない、または、自己発炎しない。

TEMPERATURE RISE CURVES 表面温度上昇

測定位置 (Test point)



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