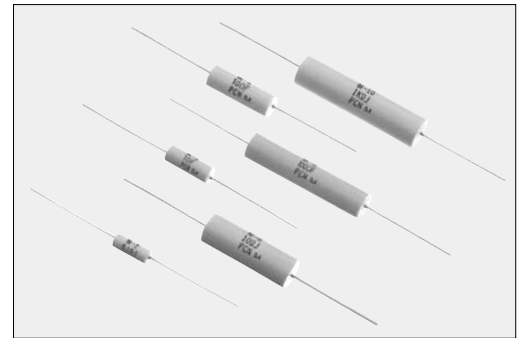


**POWER TYPE CEMENT WIRE-WOUND RESISTORS** M / RFM

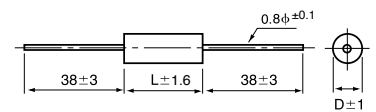
**Features :**

Precision type in power requested application is available,  
 A wide resistance range provide, also high reliability are available in high resistance value.  
 Inductive type (M series) and Non-inductive type (RFM series) are available.



Type	Wattage Rating (W)	Resistance Range (Ω)		Resistance Tolerance (%)	Temp. Coefficient (ppm/°C) -30~25~200°C	Operating Temp. (°C)	Weight (g)
		Inductive (M)	Non Inductive (RFM)				
M- 2	2	0.1~ 3K	0.1~ 1K	±0.5 (D) R ≥10Ω	±150	-30 ~+200	2
M- 3	3	0.1~ 5K	0.1~1.5K				3
M- 5	5	0.1~10K	0.1~ 3K	±1 (F)	Special ±30 R ≥1Ω	-30 ~+200	5
M- 6	6	0.1~25K	0.1~ 6K	±2 (G)			9
M- 8	8	0.1~30K	0.1~ 7K	±5 (J)			9
M-10	10	0.1~50K	0.1~ 13K	±10 (K)			12

Dimensions (mm)



**Performance**

Parameters	Test Condition	Specification
Heat Resistance	275°C 2Hr	No Damage
Temperature Shock	Wattage Rating 30 min → -30°C 15 min	±(2%+0.05Ω)
Moisture Resistance	Temp. 40°C Moisture 95% 1/10×Wattage Rating (1.5Hr ON, 0.5Hr OFF) Repeat 500Hr	±(3%+0.05Ω) 2.5MΩ MIN
Short Time Over Load	10×Wattage Rating 5sec	±(2%+0.05Ω)
Load Life	Wattage Rating 1.5Hr ON, 0.5Hr OFF 500Hr	±(5%+0.05Ω)

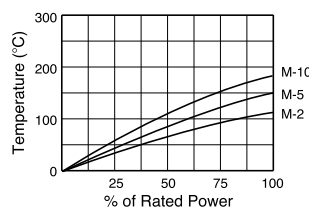
Type	Dimensions (mm)	
	L	D
M- 2, RFM- 2	13	6
M- 3, RFM- 3	18	7
M- 5, RFM- 5	26	9
M- 6, RFM- 6	35	12
M- 8, RFM- 8	48	10
M-10, RFM-10	51	12

**How to order**

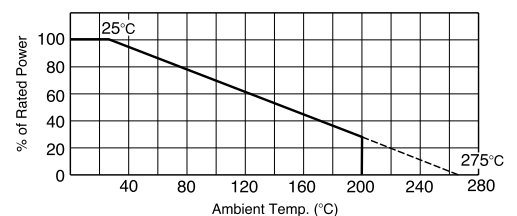
**M-2 4.7Ω F**  
 Type Resistance Tolerance

- In case of Non-Inductive type use RFM
- Standard Resistance E-24 Series J (±5%)

Surface Temp. Versus Power Load



Ambient Temp. Derating Curve



**PCN Corporation**

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