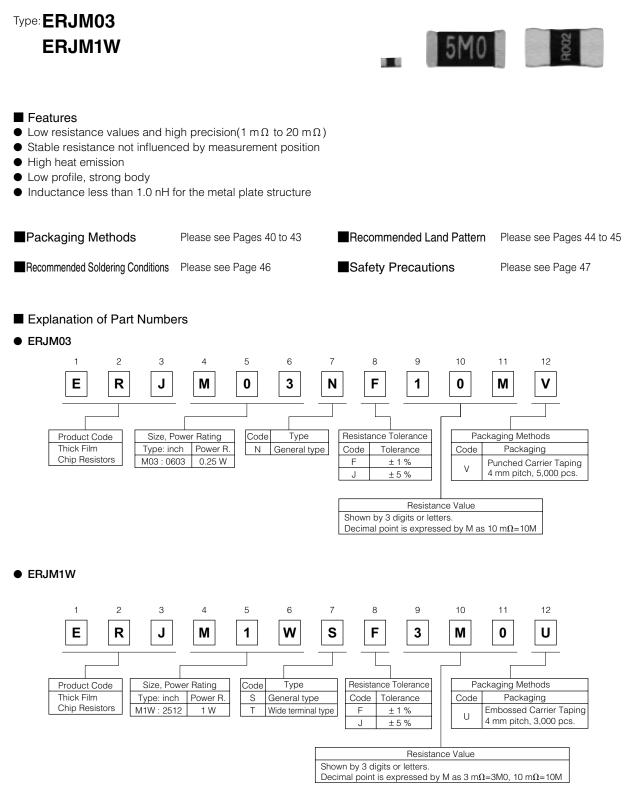
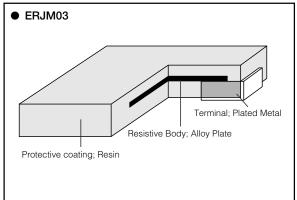
Low Resistance Value Chip Resistors(Current Sensing Resistors) 0603, 2512



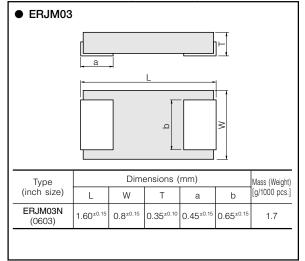
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Panasonic

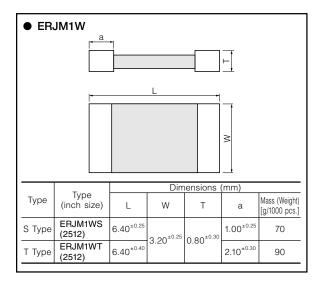
Construction



Dimensions in mm (not to scale)



• ERJM1W



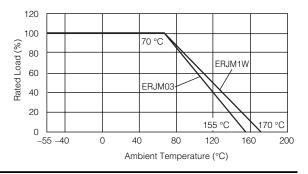
Ratings

Type (inch size)	Power Rating at 70 °C (W)	Standard Resistance (m Ω)	Resistance Tolerance (%)	T.C.R. (×10 ⁻⁶ /°C)	Category Temperature Range (°C)	Circuit board of use
ERJM03N (0603)	0.25	10	F: ±1, J: ±5	±100	–55 to +155	-
ERJM1WS (2512)	- 1	3, 4		±350	-55 to +170	You should use the aluminum substrate when the added wattage exceeds 0.5 W.
		5, 6, 10, 15, 20		±100		
ERJM1WT (2512)		1, 1.5		350±100		
		2, 3, 4		100±50		

* Please contact the factory for other values and the range

Power Derating Curve

For resistors operated in ambient temperatures above 70 °C, power rating shall be derated in accordance with the figure on the right.



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