

Ex.2 : ERG type



The above example 2 shows a metal oxide film resistor SMD type, 2 W power rating, resistance value of 1.0 k Ω , tolerance ± 5 %, and embossed taping.

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)



Ratings

Туре	Power Rating at 70 °C (W) ⁽¹⁾	Dielectric Withstanding Voltage (VAC)	Res. Tol. (%) ⁽²⁾	Resistance Range ($\mathbf{\Omega}$) ⁽²⁾		T.C.R.	Standard Resistance
				min. ⁽³⁾	max.	(×10 ^{−6} /°C)	Value
ERG(X)1H	1	1000	J (±5)	22 m	39 m	±1000	E12
				47 m	82 m	±500	
			G (±2) J (±5)	0.1	10 k	±350	
ERG(X)2H	2	1000	J (±5)	22 m	39 m	±1000	E12
				47 m	82 m	±500	
			G (±2) J (±5)	0.1	10 k	±350	

Rated Continuous Working Voltage (RCWV) shall be determined from RCWV=\sqrt{Power Rating × Resistance Value}.
Resistance tolerance and resistance range is of use besides range listed, please inquire.
As for the low resistance value range, "Q" or "Z" is given to the part number.(Refer to the explanation of part numbers.)

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.

