

# RGH series, high-power and high-precision metal film chip resistors



**NEW** Resistors with high power in small size are realized as 1/6W for 1.6×0.8mm(0603), 1/4W for 2.0×1.25mm(0805) size and 1/8W for 1.0×0.5mm(0402) size. Tight resistance tolerance of ±0.1% and temperature coefficient of resistance of ±25ppm/°C are achieved. Operating temperature range: -55~155°C

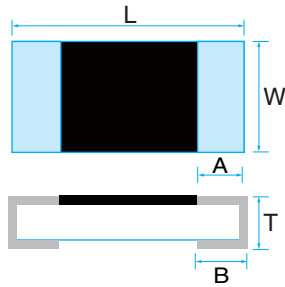
RoHS compliant

Completely lead free



## SPECIFICATIONS

### Mechanical



Dimension (Inch Size)	RGH1005-2B (0402)	RGH1608-2C (0603) <b>NEW</b>	RGH2012-2E (0805)
L	1.0±0.05	1.6±0.2	2.0±0.2
W	0.5±0.05	0.8±0.2	1.25±0.2
A	0.2±0.10	0.3±0.2	0.4±0.2
B	0.25±0.05	0.3±0.2	0.4±0.2
T	0.35±0.05	0.4±0.1	0.4±0.1

(unit : mm)

### Electrical

Type	RGH1005-2B	RGH1608-2C <b>NEW</b>	RGH2012-2E
Power	1/8W	1/6W	1/4W
Tolerance % (code)	±0.1%(B), ±0.5%(D)	±0.5%(D), ±0.1%(B)	±0.1%(B), ±0.5%(D)
Resistance range (Ω)	47~100k	47~360k	47~470k
TCR ppm/°C(code)	±25ppm/°C(P)	±25ppm/°C(P)	±25ppm/°C(P)
Max Operating Voltage	75V	100V	125V
Resistance value	E-24, E-96	E-24, E-96	E-24, E-96
Operating Temp. Range	-55~155°C	-55~155°C	-55~155°C
Package	10,000pcs/reel	5,000pcs/reel	5,000pcs/reel

· RGH1608 with 1/5W power consumption are available to meet your needs.



## PART NUMBER

### RGH 1005 - 2B - P - 102 - B

