

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

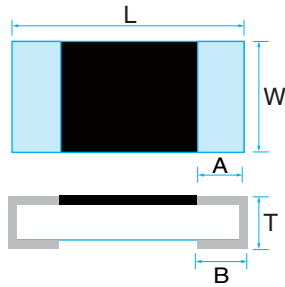
RoHS compliant

Completely lead free



SPECIFICATIONS

Mechanical



| Dimension (Inch Size) | RGH1005-2B (0402) | RGH1608-2C (0603) NEW | 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 NEW | 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

