

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

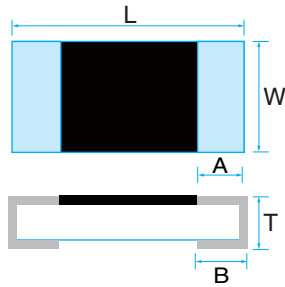
RoHS compliant

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

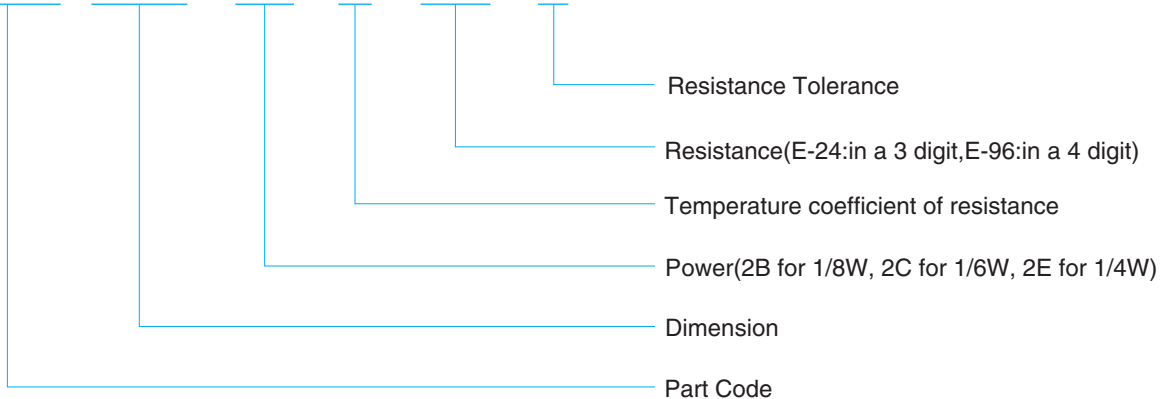
Type	RGH1005-2B	RGH1608-2C NEW	RGH2012-2E
Power	1/8W	1/6W	1/4W
Tolerance % (code)	±0.1%(B), ±0.5%(D)	±0.5%(D), ±0.1%(B)	±0.1%(B), ±0.5%(D)
Resistance range (Ω)	47~100k	47~360k	47~470k
TCR ppm/°C(code)	±25ppm/°C(P)	±25ppm/°C(P)	±25ppm/°C(P)
Max Operating Voltage	75V	100V	125V
Resistance value	E-24,E-96	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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Thin Film Resistors - SMD category](#):

Click to view products by [Susumu manufacturer](#):

Other Similar products are found below :

[M55342K06B34E0RT3](#) [D55342E07B379BR-TR](#) [AR02BTC1872](#) [AR02BTC18R7](#) [AR02BTC3830](#) [AR02BTC4220](#) [AR02BTC4422](#)
[AR02BTC5100](#) [AR02BTC5111](#) [AR02BTC5762](#) [AR02BTC8251](#) [AR02BTC8452](#) [AR03BTC0110](#) [AR03BTC0120](#) [AR03BTC0330](#)
[AR03BTC0390](#) [AR03BTC1102](#) [AR03BTC1103](#) [AR03BTC1201](#) [AR03BTC2000](#) [AR03BTC2201](#) [AR03BTC2203](#) [AR03BTC2490](#)
[AR03BTC3003](#) [AR03BTC3302](#) [AR03BTC3901](#) [AR03BTC4220](#) [AR03BTC4223N](#) [AR03BTC5602](#) [AR03BTC5603](#) [AR03BTC5900](#)
[AR03BTC7500](#) [AR03BTC9100](#) [AR03BTC9103](#) [AR03BTC9760](#) [AR05BTC0280](#) [AR05BTC1000](#) [AR05BTC1100](#) [AR05BTC1201](#)
[AR05BTC1202](#) [AR05BTC1300](#) [AR05BTC14R3](#) [AR05BTC1500](#) [AR05BTC1523](#) [AR05BTC1620](#) [AR05BTC1622](#) [AR05BTC1623](#)
[AR05BTC1760](#) [AR05BTC1800](#) [AR05BTC1823](#)