RGP0207CHJ10M

DO NOT USE FOR NEW DESIGN

NEOHM | NEOHM RGP

TE Internal #: 1623708-2

10M ohm, Thick Film, High Value/High Voltage Resistor, 5 %, 0207, .25 W, ±350 ppm/°C, Axial-Leaded, Copper Termination, 6.5 x 2.5 mm, NEOHM RGP

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **High Value/High Voltage Resistor**

Element Type: **Thick Film**

Package Size Code: **0207**

Power Rating: **.25 W**

Resistance Class: **1MΩ – 1GΩ**

Features

Product Type Features

Resistor Type	High Value/High Voltage Resistor
Element Type	Thick Film
Package Size Code	0207

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	750 V
Power Rating	.25 W
Resistance Class	1MΩ – 1GΩ
Resistance Value	10M Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	6.5 x 2.5 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
Temperature Coefficient	±350 ppm/°C

Packaging Features

Packaging Method	Ammo Packed

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 1-1623708-2
RGP0207CH 10% 1G0



TE Part # 1623708-1
RGP0207CH 5% 100M



TE Part # 1623708-5
RGP0207CH 5% 22M



TE Part # 1623708-6
RGP0207CH 5% 33M

Also in the Series | NEOHM RGP



Through-Hole Resistors(12)

Customers Also Bought



TE Part #CONSMP001-2-G
SMP Plug 50 Ohm PCB Through Hole Mount



TE Part #1623729-4
BCHE 17 W 150R 5%



TE Part #5-1676914-9
YR1 0.1% 54K9



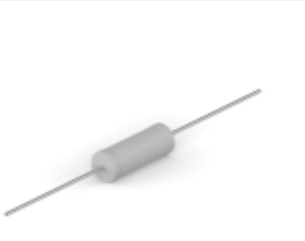
TE Part #4-1879350-1
RR01 5% 10R AMMO



TE Part #4-1879350-9
RR01 5% 22R AMMO



TE Part #5-1879350-2
RR01 5% 30R AMMO



TE Part #6-2176412-2
5W XSM M/OX 5% 1K8



TE Part #9-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes, W/C



TE Part #1623708-1
RGP0207CH 5% 100M



TE Part #1-1623708-2
RGP0207CH 10% 1G0

Documents

Product Drawings

RGP0207CH 5% 10M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623708-2_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1623708-2_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623708-2_BB.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

Metal_Glaze_Fixed_Resistors-Type_RGP_Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English