



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.25 W**

Resistance Value: **820K Ω**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	0603

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	50 V
Power Rating	.25 W
Resistance Value	820K Ω
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.6 mm[.063 in]



Product Width	.8 mm[.031 in]
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Usage Conditions

Temperature Coefficient	±100 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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

CRGP0603F820K

General Purpose Resistor, Thick Film, 0603, .25 W, 820K ohm, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .45 mm [.018 in], Neohm CRGP



TE Part # 2176326-2
CRGP 0603 12R 1%

TE Part # 5-2176327-4
CRGP 0805 270K 1%

TE Part # 2-2176328-3
CRGP 1206 680R 1%

TE Part # 6-2176330-1
CRGP 2010 1M0 1%

TE Part # 4-2176331-9
CRGP 2512 100K 1%

Also in the Series | Neohm CRGP

Surface Mount Resistors(432)

Customers Also Bought

TE Part #1-106505-2
9P.HDP20 REC.ASSY.

TE Part #1-338169-2
15P HDP20 PLUG ASSY

TE Part #1532187-1
M83513/02-AN, MCKS-N1-B-9SS

TE Part #5-2176326-8
CRGP 0603 560K 1%

TE Part #5-2176328-7
CRGP 1206 470K 1%

TE Part #HPP809A031
RH/T HTM2500LF TRANSDUCER

TE Part #2951512003
DWP-125-1/4-0-STK

TE Part #5885930019
TRSA-1019/E/1/1



Documents

Product Drawings
[CRGP 0603 820K 1%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-2176326-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2176326-0_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2176326-0_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CRGP Data Sheet](#)

English