



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: General Purpose Resistor

Element Type: Thick Film

Package Size Code: 0805

Power Rating: .33 W

Resistance Value: 270K Ω

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	0805

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	150 V
Power Rating	.33 W
Resistance Value	270K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]



Product Width	1.25 mm[.049 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

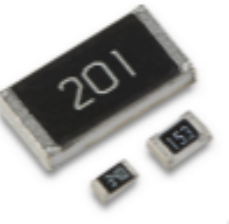
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

CRGP0805F270K

General Purpose Resistor, Thick Film, 0805, .33 W, 270K ohm, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRGP



 TE Part # 4-2176325-9 CRGP 0402 100K 1%	 TE Part # 1-2176325-3 CRGP 0402 100R 1%	 TE Part # 3-2176325-7 CRGP 0402 10K 1%	 TE Part # 2176325-1 CRGP 0402 10R 1%
 TE Part # 5-2176325-0 CRGP 0402 120K 1%	 TE Part # 1-2176325-4 CRGP 0402 120R 1%	 TE Part # 3-2176325-8 CRGP 0402 12K 1%	 TE Part # 2176325-2 CRGP 0402 12R 1%
 TE Part # 5-2176325-1 CRGP 0402 150K 1%	 TE Part # 1-2176325-5 CRGP 0402 150R 1%	 TE Part # 3-2176325-9 CRGP 0402 15K 1%	 TE Part # 2176325-3 CRGP 0402 15R 1%
 TE Part # 5-2176325-2 CRGP 0402 180K 1%	 TE Part # 1-2176325-6 CRGP 0402 180R 1%	 TE Part # 4-2176325-0 CRGP 0402 18K 1%	 TE Part # 2176325-4 CRGP 0402 18R 1%
 TE Part # 2-2176325-5 CRGP 0402 1K0 1%	 TE Part # 2-2176325-6 CRGP 0402 1K2 1%	 TE Part # 2-2176325-7 CRGP 0402 1K5 1%	 TE Part # 2-2176325-8 CRGP 0402 1K8 1%

Also in the Series | [Neohm CRGP](#)



Surface Mount Resistors(420)

Customers Also Bought

TE Part #160013
SOLIS 8 R M5

TE Part #130106
TERM, RT, SOLIS, 16-14, M5

TE Part #6339160-1
MJ,RJ45,SMT,SHLD,PANEL GRD

TE Part #207476-1
CABLE CLAMP KIT,SZ 5

TE Part #7-1437622-7
KNS501BA1/8=KNOB BLK/ALUM W /SK

TE Part #20008669-50
MS5839-02BA36 CL RESISTANT LS T&R SEN

TE Part #32996-1
TERMINAL, SOLIS R 8 8

TE Part #DRC18-40SB
PLG, 40P, BLK, N, B

TE Part #165295
SOLIS DIN 1.5-2.5 R M3

TE Part #1757824-8
AMPLIMITE,ASY,RCPT,STD,90,ZN,2, CONT

Documents

Product Drawings
CRGP 0805 270K 1%

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-2176327-4_BA.2d_dxf.zip

CRGP0805F270K

General Purpose Resistor, Thick Film, 0805, .33 W, 270K ohm, 1 %, ±100 ppm/°C,
Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRGP



English

Customer View Model

[ENG_CVM_CVM_5-2176327-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-2176327-4_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[CRGP Data Sheet](#)

English