



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

Electrical Characteristics

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

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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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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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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

Surface Mount General Purpose Resistor, Thick Film, 0805, .33 W, 270K ohm, 1 %, ±100 ppm/°C, Solder, 2 Terminations, Neohm CRGP



 TE Part # 1-2176327-5 CRGP 0805 150R 1%	 TE Part # 2-2176329-4 CRGP 1210 820R 1%	 TE Part # 2-2176327-3 CRGP 0805 680R 1%	 TE Part # 2176325-9 CRGP 0402 47R 1%
 TE Part # 2176328-2 CRGP 1206 12R 1%	 TE Part # 2176329-9 CRGP 1210 47R 1%	 TE Part # 2-2176328-9 CRGP 1206 2K2 1%	 TE Part # 2-2176327-6 CRGP 0805 1K2 1%
 TE Part # 2-2176329-0 CRGP 1210 390R 1%	 TE Part # 2-2176326-2 CRGP 0603 560R 1%	 TE Part # 2-2176328-4 CRGP 1206 820R 1%	 TE Part # 3-2176326-9 CRGP 0603 15K 1%
 TE Part # 3-2176331-6 CRGP 2512 8K2 1%	 TE Part # 3-2176331-9 CRGP 2512 15K 1%	 TE Part # 3-2176327-0 CRGP 0805 2K7 1%	 TE Part # 3-2176328-4 CRGP 1206 5K6 1%
 TE Part # 2-2176325-9 CRGP 0402 2K2 1%	 TE Part # 2176327-9 CRGP 0805 47R 1%	 TE Part # 2176329-5 CRGP 1210 22R 1%	 TE Part # 2176327-8 CRGP 0805 39R 1%

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



Surface Mount Resistors(420)

Customers Also Bought



TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



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 #DT15-2P
HDR, 2P, GRY, ST, NI/CU



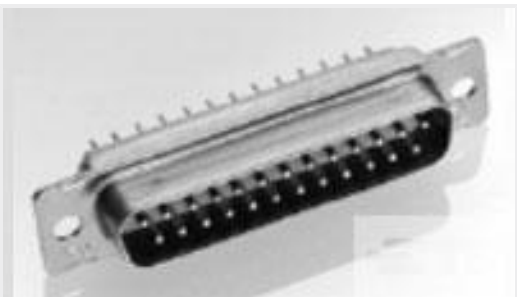
TE Part #DTMH04-3PA
REC, 3P, BLK, N, HI TEMP, A



TE Part #165295
SOLIS DIN 1.5-2.5 R M3



TE Part #382575-2
2MM MINI-SHUNT ASSEMBLY 15 AU



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

Surface Mount General Purpose Resistor, Thick Film, 0805, .33 W, 270K ohm, 1 %, ±100 ppm/°C, Solder, 2 Terminations, 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