



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **0805**

Power Rating: **.33 W**

Resistance Value: **10K Ω**

Features

Product Type Features

Resistor Type	Power 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	10K 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	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]



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 2024 (241) 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

 TE Part # 5-1879501-9 CRGH2512 5% 270R 2W	 TE Part # 2-1879377-6 CRGH0805 5% 10R 0.33W	 TE Part # 1-2176177-5 CRGH0603 1% 2K2 0.2W	 TE Part # 2176177-5 CRGH0603 1% 330R 0.2W
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TE Part # 3-2176177-0
[CRGH0603 1% 39K 0.2W](#)

TE Part # 1-2176177-7
[CRGH0603 1% 3K3 0.2W](#)

TE Part # 1-2176177-9
[CRGH0603 1% 4K7 0.2W](#)

TE Part # 2-1879495-2
[CRGH0603 5% 100K 0.2W](#)

TE Part # 4-1879494-9
[CRGH0603 5% 100R 0.2W](#)

TE Part # 9-1879494-7
[CRGH0603 5% 10K 0.2W](#)

TE Part # 2-1879494-5
[CRGH0603 5% 10R 0.2W](#)

TE Part # 5-1879494-1
[CRGH0603 5% 120R 0.2W](#)

TE Part # 1879495-2
[CRGH0603 5% 15K 0.2W](#)

TE Part # 2-1879495-8
[CRGH0603 5% 180K 0.2W](#)

TE Part # 1879495-4
[CRGH0603 5% 18K 0.2W](#)

TE Part # 7-1879494-3
[CRGH0603 5% 1K0 0.2W](#)

TE Part # 7-1879494-5
[CRGH0603 5% 1K2 0.2W](#)

TE Part # 4-1879495-6
[CRGH0603 5% 1M0 0.2W](#)

TE Part # 1879495-6
[CRGH0603 5% 22K 0.2W](#)

TE Part # 3-1879494-3
[CRGH0603 5% 22R 0.2W](#)

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

[Surface Mount Resistors\(3656\)](#)

Customers Also Bought



TE Part #3-2176057-7
RLP73K 3A R33 1% 1K RL

TE Part #1761609-3
IDC LOW PRO HDR 10P RA SHT LAT

TE Part #5557560-1
MJ,1X2,R/A,8P,IR COMP,NO SHLD

TE Part #41450-1
250 FASTON REC 14-10 AWG TPBR

TE Part #1-794616-4
FREE HANG DBL ROW HSG 14 POS

TE Part #2-1546685-3
6DBL-02-1391=6DBL ASSEMBLY

TE Part #1-2176330-6
CRGP 2010 180R 1%

TE Part #GA10K4A1A
DISCRETE 10K OHMS, +/-0.1C FROM 0C TO 70C

TE Part #1-2331102-1
TAB HEADER 46POS.

TE Part #2-1825955-6
FSM13JH=6MM TACT SWITCH, HT W /ESD

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1879510-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1879510-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1879510-1_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

High Power Thick Film Chip Resistors

English

CRGH0805F10K

Power Resistor, Thick Film, 0805, .33 W, 10K ohm, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Length 2 mm [.079 in], Neohm CRGH

