



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **General Purpose Resistor**

Passive Component Dimensions: **6.8 x 2.5 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	General Purpose Resistor
Element Type	Carbon Film, Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	250 V
Passive Component Tolerance	5 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	820K Ω
Power Rating	.33 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	6.8 x 2.5 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	-1200 – 0 ppm/°C

Packaging Features

Packaging Method	Ammo Packed
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

CFR25J820K

Neohm CFR, Through-Hole Resistors, General Purpose Resistor, 6.8 x 2.5 mm, 2 Termination, Ammo Packed, 5 Passive Component Tolerance



TE Part # 1623930-3
CFR25 5% 10K

TE Part # 1623927-8
CFR16 5% 120R

TE Part # 1623932-8
CFR50 5% 10K

TE Part # 1623925-2
CFR100 5% 100R

TE Part # 2-1623929-2
CFR200 5% 22K

Also in the Series | Neohm CFR

Through-Hole Resistors(337)

Customers Also Bought

TE Part #9-2176401-6
3540 120R 5%

TE Part #2-1623930-5
CFR25 5% 180K

TE Part #3-1623930-8
CFR25 5% 1M5

TE Part #1879749-7
LED ENCODER 12MM HORIZ DET RED

TE Part #2-1879744-5
RP 1J 90R9 0.1% 15PPM CUT LENGTH

TE Part #1376383-5
Glow Wire Power Key Header

TE Part #1461247-1
STD OEG Miniature PCB OJ/OJE Pow Relays

TE Part #2-2176086-6
3654 0402 18nH 5% 2K RL



Documents

Product Drawings

CFR25 5% 820K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1623931-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1623931-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1623931-6_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Ceramic Film Fixed Resistors - Type CFR Series - Tyco Electronics Passives

English

Product Environmental Compliance

TE Material Declaration

English