



Neohm | Neohm CFR

TE Internal #: 8-1623933-5

5.1K ohm, Through-Hole General Purpose Resistor, Carbon Film / Thin Film, .5 W, 5 %, -1200 – 0 ppm/°C, Axial-Leaded, Copper Termination, Neohm CFR

[View on TE.com >](#)

Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **5.1K Ω**

Resistor Type: **General Purpose Resistor**

Element Type: **Thin Film, Carbon Film**

Power Rating: **.5 W**

Resistance Class: **1k Ω – 1M Ω**

Features

Usage Conditions

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

Electrical Characteristics

| | |
|-----------------------------|---------------------------|
| Operating Voltage | 350 V |
| Resistance Value | 5.1K Ω |
| Power Rating | .5 W |
| Resistance Class | 1k Ω – 1M Ω |
| Passive Component Tolerance | 5 % |

Product Type Features

| | |
|---------------|--------------------------|
| Resistor Type | General Purpose Resistor |
| Element Type | Thin Film, Carbon Film |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Body Features

| | |
|-----------|--------------|
| Lead Type | Axial-Leaded |
|-----------|--------------|

Termination Features

| | |
|--------------------------------|--------|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

Dimensions

| | |
|------------------------------|----------|
| Passive Component Dimensions | 9 x 3 mm |
|------------------------------|----------|

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Ammo Packed |
|------------------|-------------|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) 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 | 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



TE Part # 2-1623933-1
CFR50 5% 3M3



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



TE Part # 1623932-8
CFR50 5% 10K



TE Part # 2-1623933-7
CFR50 5% 3R9



TE Part # 1623927-8
CFR16 5% 120R



TE Part # 2-1623933-5
CFR50 5% 3R3



TE Part # 5-1623933-8
CFR50 5% 6M8



TE Part # 6-1623933-4
CFR50 5% 75R



TE Part # 6-1623933-8
CFR50 5% 82K



TE Part # 1623925-2
CFR100 5% 100R



TE Part # 6-1623933-5
CFR50 5% 820K



TE Part # 3-1623933-5
CFR50 5% 4M7



TE Part # 1623930-3
CFR25 5% 10K

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



[Through-Hole Resistors\(378\)](#)

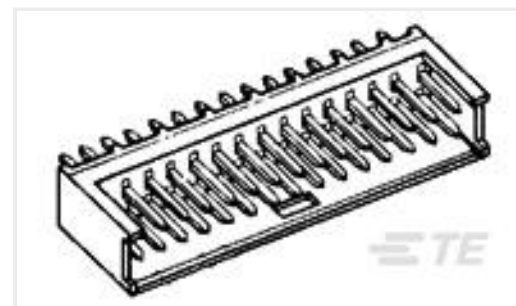
Customers Also Bought



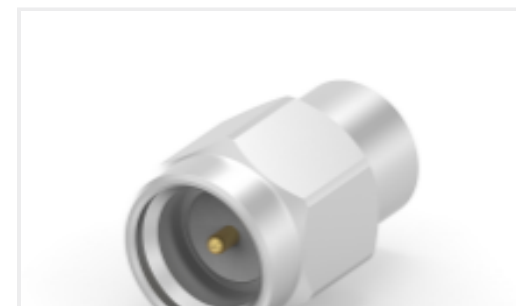
TE Part #4-1623932-1
CFR50 5% 1K3



TE Part #6-1879225-7
CPF 0603 221K 0.1% 25PPM 1K RL



TE Part #280384-1
2X4P AMPMODU II SHRD HDR, ST, TIN



TE Part #2467916-1
RF TERMINATOR 2.92MM PLUG 40 GHZ 2W SUS



TE Part #4-2176456-3
CPF 0603 2R74 0.1% 25ppm 1K RL



TE Part #4-1105300-2
HVT-C-Sti.Au.2,5 qmm



TE Part #1-1106302-9
SCHELLENSET 4,5MM



TE Part #2-1103001-3
HD.7.BU.C. 250 V



TE Part #3-1106302-9
SCHELLENSET 6 MM



TE Part #6-1106302-9
SCHELLENSET 9MM

Documents

Product Drawings

[CFR50 5% 5K1](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-1623933-5_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1623933-5_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1623933-5_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

CFR50J5K1

5.1K ohm, Through-Hole General Purpose Resistor, Carbon Film / Thin Film, .5 W, 5 %, -1200 – 0 ppm/°C, Axial-Leaded, Copper Termination, Neohm CFR



1309350_PASSIVE_COMPONENT

English

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

English