CPF0402B44R2E1 ✔ ACTIVE

Neohm | Neohm CPF

TE Internal #: 2-1879213-3

Precision Resistor, Thin Film, 0402, .063 W, 44.2 ohm, .1 %, ±25 ppm /°C, Solder, 2 Termination, Height .3 mm [.012 in], Neohm CPF

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **44.2 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	25 V
Power Rating	.063 W
Resistance Value	44.2 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 in]

Usage Conditions

Temperature Coefficient	±25 ppm/°C

Industry Standards

Moisture Sensitivity Level	1

Packaging Features

Packaging Method	Taped & Reeled

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 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 # 3-1879216-5
CPF0402 200K 0.1% 25PPM 1K RL



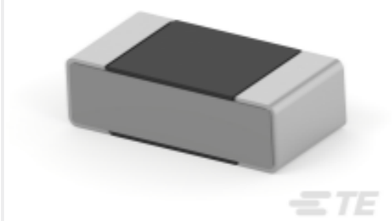
TE Part # 1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



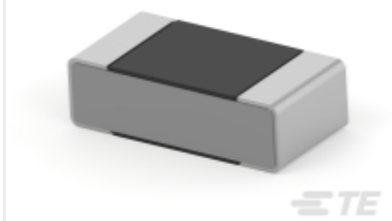
TE Part # 1879417-8
CPF0603 1M0 0.1% 25PPM 5K RL



TE Part # 1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL



TE Part # 5-1879209-8
CPF 0402 44R2 0.1% 25PPM 5K RL



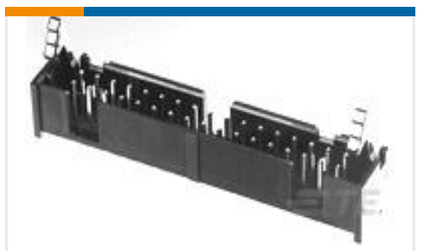
TE Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #1761606-3
IDC LOW PRO HDR 10P VERT LG LAT BLK



TE Part #292303-5
Std USB Type A, R/A, T/H, Natural



TE Part #5787446-1
HDR ASY,VERT,NO KEY,RET TAIL



TE Part #1676250-3
RN 0805 20K 0.1% 10PPM 5KRL



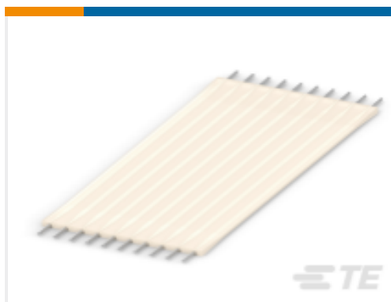
TE Part #1676313-2
RN 0805 35K7 0.1% 10PPM 1KRL



TE Part #1676374-2
RN 0805 54K9 0.1% 10PPM 1KRL



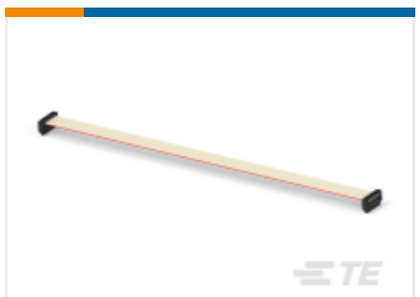
TE Part #1676438-2
RN 0805 7K68 0.1% 10PPM 1KRL



TE Part #1474654-2
FSN-11A-20



TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU



TE Part #173798-E
IDCCS SMC 1,27 26 * AU AUI 300 PVC

Documents

Product Drawings

CPF 0402 44R2 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1879213-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1879213-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1879213-3_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

CPF-1016

English

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TE Connectivity:

1393431-1 1743455-2 2377783-2 2380312-2 3631B101LL 917696-1 MPT100C18RF 936348-1 SBCHE154R7K SMW73R0JT TE50BR39J 1969656-1 2005330-1 2310537-1 SBCHE64R7K U5254-000005-030PA 1-794222-0 175977-2 1903112-2 3430B2F51RTDF 650075-000 CPF0402B37K4E1 RH73H2A40MKTN 1-962915-1 2-292161-3 ROX05SJ18R 2834055-1 3-1393225-0 141991-2 CRGCQ2010J3K3