CPF0603F102KC1 ✔ ACTIVE

Neohm | Neohm CPF

TE Internal #: 5-1879338-7

Precision Resistor, Thin Film, 0603, .063 W, 102K ohm, 1 %, ±50 ppm /°C, Solder, 2 Termination, Height .45 mm [.018 in], Neohm CPF

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.063 W**

Resistance Value: **102K Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	102K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]
Product Width	.8 mm[.031 in]

Usage Conditions

Temperature Coefficient	±50 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



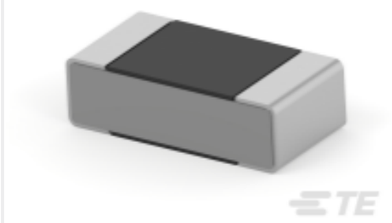
TE Part # 1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



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



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



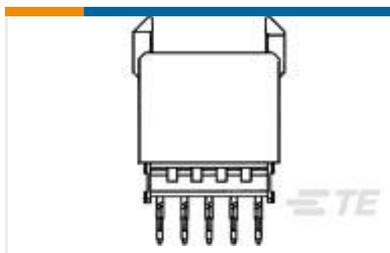
TE Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF

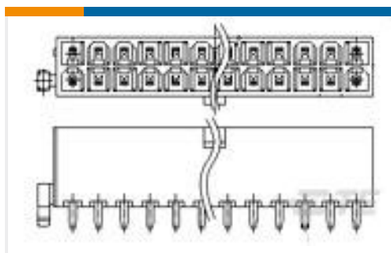


Surface Mount Resistors(5842)

Customers Also Bought



TE Part #5352269-1
Z-PACK/B19 VF 95P



TE Part #1-1775099-3
ATX PWR CONN 1 BDLK 24 POS



TE Part #6116075-4
INV MJ,1X1,SHIELDED,LED (Y/G)



TE Part #5-146278-3
03 MODII HDR SRST B/A .100CL



TE Part #1734298-1
Shield Finger 6525



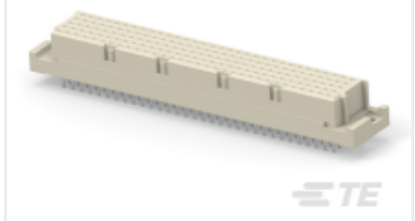
TE Part #6-1676481-9
CPF 0603 4K7 0.1% 25PPM 1K RL



TE Part #5-1879335-3
CPF 0603 75R 1% 50PPM 1K RL



TE Part #YDTS20W19-35SAV001
RECP ASSY



TE Part #284313-E

STVE 160 F ABCDE VVVVV 7-00 TL 4,0 * 247

Documents

Product Drawings

CPF 0603 102K 1% 50PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1879338-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1879338-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1879338-7_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

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CPF-1016

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TE Connectivity:

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