CPF0402B27K4E ✔ ACTIVE

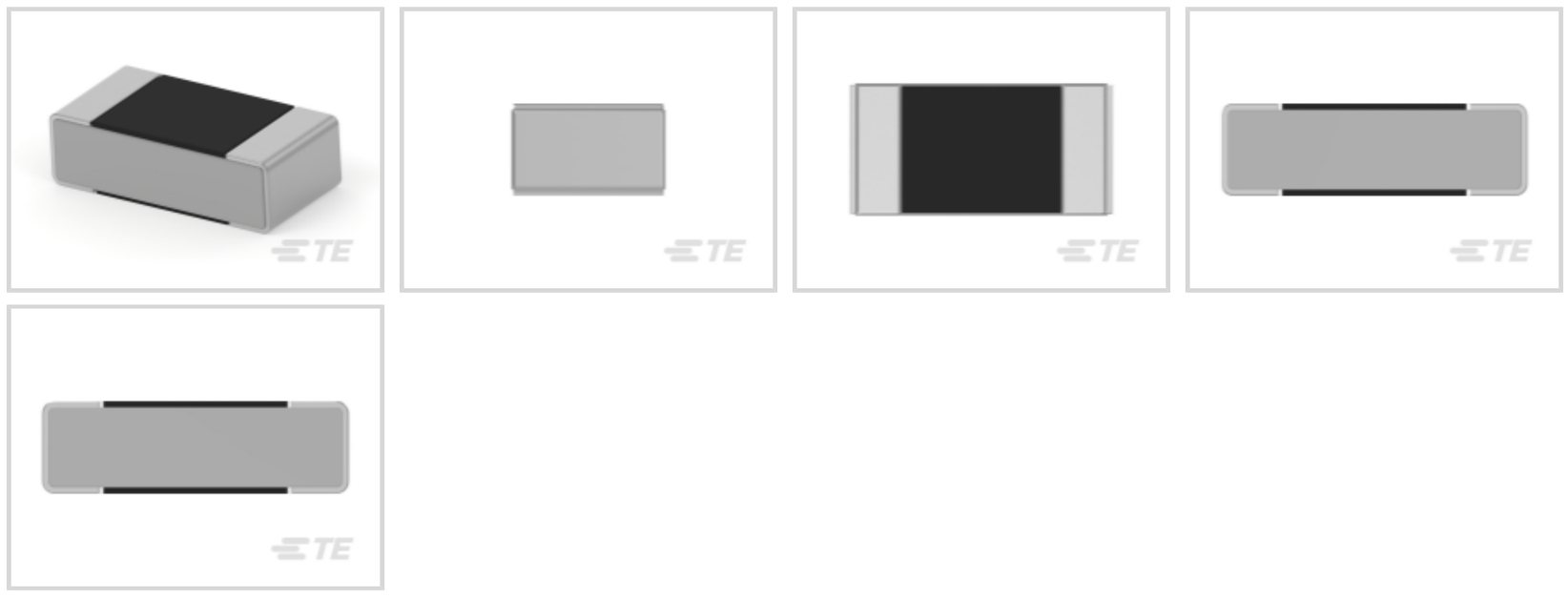
Neohm | Neohm CPF

TE Internal #: 1-1879212-2

Precision Resistor, Thin Film, 0402, .063 W, 27.4K Ω, .1 %, ±25 ppm/°C, Solder, 2 Termination, Height .012 in [.3 mm], 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: **27.4K 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	27.4K Ω
Resistance Class	1kΩ - 1MΩ
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

Operating Temperature Range	-55 - 155 °C
Temperature Coefficient	±25 ppm/°C

Packaging Features

Packaging Method	Tape & Reel

Product Compliance

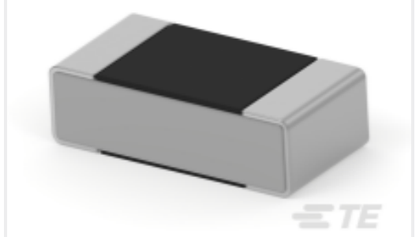
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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

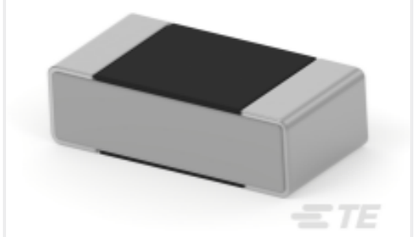
Product Compliance Disclaimer

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

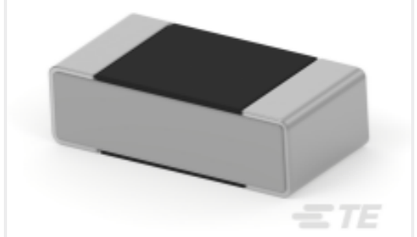
Compatible Parts



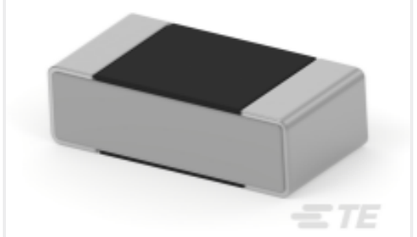
TE Part # 1879212-3
CPF 0402 22K1 0.1% 25PPM 5K RL



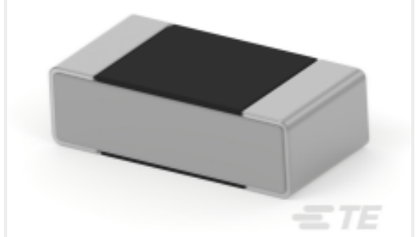
TE Part # 2-1879212-4
CPF 0402 36K5 0.1% 25PPM 5K RL



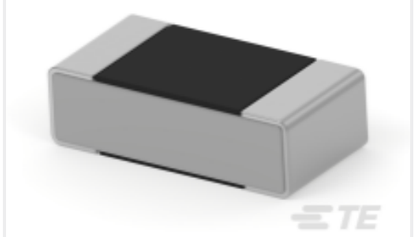
TE Part # 3-1879212-0
CPF 0402 42K2 0.1% 25PPM 5K RL



TE Part # 4-1879212-5
CPF 0402 60K4 0.1% 25PPM 5K RL



TE Part # 5-1879212-6
CPF 0402 80K6 0.1% 25PPM 5K RL



TE Part # 6-1879212-1
CPF 0402 90K9 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF



Surface Mount Resistors(6124)

Documents

Product Drawings

CPF 0402 27K4 0.1% 25PPM 5K RL

English

Datasheets & Catalog Pages

CPF-1016

English