CPF0603B1K96E ACTIVE

Neohm | Neohm CPF

TE Internal #: 2-1614881-1

Surface Mount Precision Resistor, Thin Film, 0603, .063 W, 1.96K ohm, .1 %, ±25 ppm/°C, Solder, 2 Terminations, Height .45 mm [.

018 in], Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film
Package Size Code: 0603
Power Rating: .063 W
Resistance Value: 1.96K Ω

Features

Industry Standards

Moisture Sensitivity Level	1
Usage Conditions	
Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C
Electrical Characteristics	
Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	1.96Κ Ω
Resistance Class	$1k\Omega - 1M\Omega$
Passive Component Tolerance	.1 %
Product Type Features	
Resistor Type	Precision Resistor

Thin Film

0603

Element Type

Package Size Code



Configuration Features	
Number of Resistors	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]
Packaging Features	
Packaging Method	Reel
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 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

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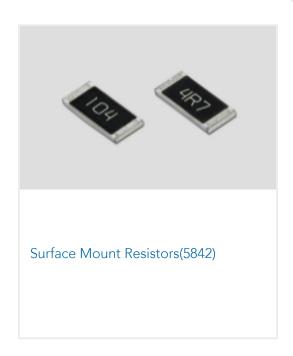


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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



Also in the Series | Neohm CPF



Documents

Product Drawings
CPF0603 1K96 0.1% 25PPM

English

Datasheets & Catalog Pages

CPF-1016

English