CPF-A-0402B10KE ACTIVE

Neohm | Neohm CPF

TE Internal #: 2-2176236-6

Precision Resistor, Thin Film, 0402, .0625 W, 10K ohm, .1 %, ±25 ppm/°C, Solder, 2 Termination, Height .3 mm [.012 in], Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film
Package Size Code: 0402
Power Rating: .0625 W
Resistance Value: 10K 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	.0625 W
Resistance Value	10K Ω
Resistance Class	$1k\Omega - 1M\Omega$
Passive Component Tolerance	.1 %
Termination Features	
Surface Mount Resistor Termination Type	Solder

2

Number of Terminations



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
Industry Standards	

Packaging Features

Moisture Sensitivity Level

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

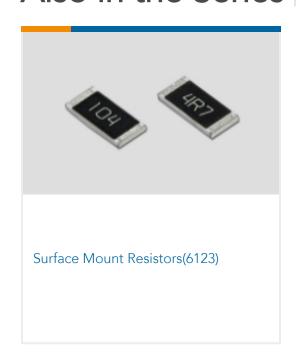


Compatible Parts





Also in the Series | Neohm CPF



Customers Also Bought





















Documents

Product Drawings
CPF A 0402 10K 0.1% 25PPM 5K RL

English

Datasheets & Catalog Pages

Automotive Grade Thin Film Chip Resistor - Type CPF-A Series

English