Neohm | Neohm CPF TE Internal #: 4-2176215-8 100K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .063 W, ±25 ppm/°C, Solder, 1 x .5 x .3 mm, Neohm CPF

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Number of Terminations: 2

Package Size Code: 0402

Packaging Method: Taped & Reeled

Passive Component Tolerance: .1 %

#### Features

#### **Product Type Features**

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0402

Element Type	Thin Film	
Configuration Features		
Number of Resistors	1	
Electrical Characteristics		
Passive Component Tolerance	.1 %	
Resistance Class	$1k\Omega - 1M\Omega$	
Resistance Value	100K Ω	
Power Rating	.063 W	
Termination Features		
Number of Terminations	2	
Surface Mount Resistor Termination Type	Solder	
Dimensions		
Passive Component Dimensions	1 x .5 x .3 mm	
Usage Conditions		
Temperature Coefficient	±25 ppm/°C	

**C** For support call+1 800 522 6752

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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 2023 (235)
	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**

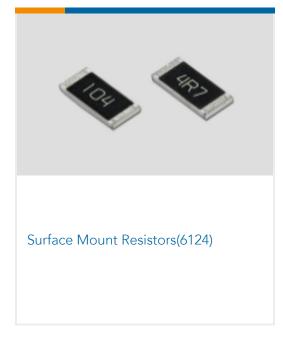


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## Also in the Series | Neohm CPF



# Customers Also Bought



TE Part #5-2176070-6 3521 2K0 1% 2W	TE Part #1-1241050-0 2x10P MOD II BREAK AWAY HDR, SMD, BLISTER	TE Part #1551892-1 Cage Assy Behind Bezel OSFP28	TE Part #9-1879213-7 CPF 0402 301R 0.1% 25PPM 1K RL
TE TE	-E TE	E TE	TE
TE Part #1-2834021-6 6POS 2.5MM TES CONN.	TE Part #9-1879337-9 CPF 0603 26K1 1% 50PPM 1K RL	TE Part #2-1879338-9 CPF 0603 52K3 1% 50PPM 1K RL	TE Part #4-1625890-7 2W SM M/OX 5% 3K3



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### Documents

Product Drawings CPF A 0402 100K 0.1% 25PPM 1K RL

English

Datasheets & Catalog Pages

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

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English