# CPF0402B107KE1 <

#### Neohm | Neohm CPF

TE Internal #: 2176280-5 107K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .063 W, ±25 ppm/°C, Solder, Height .012 in [.3 mm], Neohm CPF

#### View on TE.com >





Resistor Type: Precision Resistor

Number of Terminations: 2

Package Size Code: 0402

Packaging Method: Taped & Reeled

Passive Component Tolerance: .1 %

### Features



#### Product Type Features

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	107ΚΩ
Power Rating	.063 W
Termination Features	
Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

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#### 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	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	

2022 (224) Does not contain REACH SVHC

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Reflow solder capable to 260°C

Halogen Content

Solder Process Capability

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** 

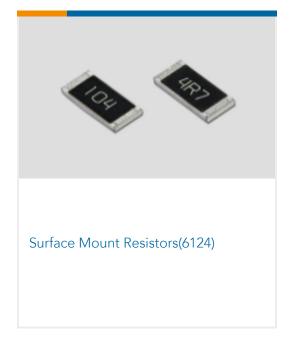
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## Also in the Series Neohm CPF



## Customers Also Bought



TE Part #1721441-2	TE Part #2-1879216-1	TE Part #2-1879208-5	TE Part #6-1879213-8
PCN-105D3MHZ,001B	CPF 0402 82K5 0.1% 25PPM 1K RL	CPF 0402 100R 0.1% 25PPM 1K RL	CPF 0402 143R 0.1% 25PPM 1K RL
ETE	E TE	ETE	ETE
TE Part #8-1879208-9	TE Part #1879216-1	TE Part #1-1879216-2	TE Part #2-1879216-9
CPF 0402 47K 0.1% 25PPM 1K RL	CPF 0402 49K9 0.1% 25PPM 1K RL	CPF 0402 64K9 0.1% 25PPM 1K RL	CPF0402 110K 0.1% 25PPM 1K RL

### Documents

### Product Drawings CPF 0402 107K 0.1% 25PPM 1K RL

English

## Datasheets & Catalog Pages

CPF-1016

English

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

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