



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **10 Ω**

## Features

### Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Power Rating	.063 W
Resistance Value	10 Ω
Resistance Class	Up to 1kΩ
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

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Temperature Coefficient	±25 ppm/°C
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**Industry Standards**

Moisture Sensitivity Level	1
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**Packaging Features**

Packaging Method	Taped & Reeled
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**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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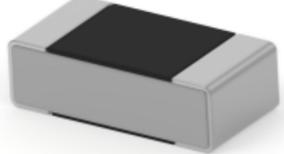
Product Compliance Disclaimer

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 # 1-1614959-4  
CPF0805 2M0 0.1% 25PPM 1K RL



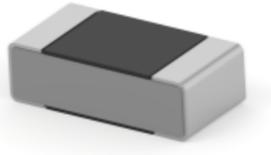
TE Part # 9-1879061-0  
CPF 0402 51K 0.1% 25PPM 5K RL



TE Part # 1879417-8  
CPF0603 1M0 0.1% 25PPM 5K RL



TE Part # 3-1879216-5  
CPF0402 200K 0.1% 25PPM 1K RL



TE Part # 9-1879216-1  
CPF 0402 158K 0.1% 25PPM 5K RL



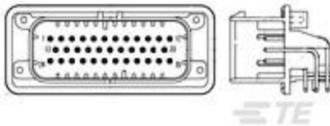
TE Part # 1-1879417-9  
CPF 0603 1M0 0.1% 25PPM 1K RL

Also in the Series | **NEOHM CPF**

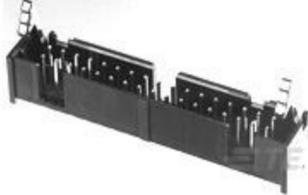


Surface Mount Resistors(5842)

Customers Also Bought



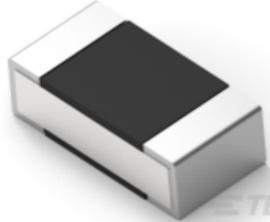
TE Part #1-776163-5  
35POS,AMPSEAL,PIN HSG ASSY,SLD, COD 5



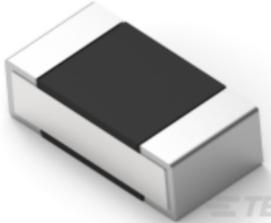
TE Part #1761606-5  
IDC LOW PRO HDR 14P VERT LA COD 5



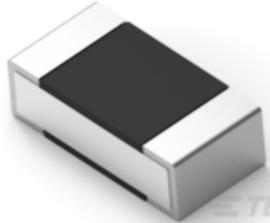
TE Part #2029397-1  
03P UMNL PIN HDR ASY 94VO NODH



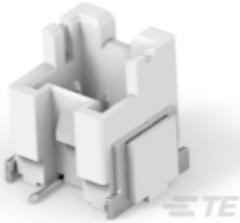
TE Part #2-2176305-5  
RP 1E 0.1W 191R 0.1% 25PPM 5K RL



TE Part #2176306-6  
RP 1E 0.1W 1K3 0.1% 25PPM 5K RL



TE Part #2176306-9  
RP 1E 0.1W 1K4 0.1% 25PPM 5K RL



TE Part #2365497-2  
EP2.5 single row SMT header,GWT



TE Part #5102159-9  
A/L UNIV HDR 40P RA



TE Part #1-5747299-4  
15 RCPT SP/FMS SCRLK



TE Part #5747842-5  
25 MSFL PLUG RA 318 (SL,FM,BL)

## Documents

### Product Drawings

[CPF 0402 10R 0.1% 25PPM 5K RL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1879061-3\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1879061-3\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1879061-3\\_BA.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[CPF-1016](#)

English