

Passive Components &gt; Resistors &gt; Surface Mount Resistors

Resistor Type: **Precision Resistor**Element Type: **Thin Metal Film**Package Size Code: **0603**Power Rating: **.063 W**Resistance Value: **2.49K  $\Omega$** 

## Features

### Industry Standards

Moisture Sensitivity Level	1
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### Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C
Temperature Coefficient	$\pm 25$ ppm/ $^{\circ}$ C

### Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	2.49K $\Omega$
Resistance Class	1k $\Omega$ – 1M $\Omega$
Passive Component Tolerance	.1 %

### Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Metal Film
Package Size Code	0603

### Configuration Features

Number of Resistors	1
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### Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations	2
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### Dimensions

Product Height	.45 mm[.018 in]
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Product Length	1.55 mm[.061 in]
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Product Width	.8 mm[.031 in]
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### Packaging Features

Packaging Method	Taped & Reeled
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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	Compliant
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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: JUNE 2024 (241)
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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
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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 # 9-1879218-5  
CPF 0603 499R 0.1% 25PPM 5K RL



TE Part # 6-1879220-7  
CPF 0603 49K9 0.1% 25PPM 5K RL

## Also in the Series | [Neohm CPF](#)



Surface Mount Resistors(5842)

## Customers Also Bought



TE Part #9-1625971-5  
HSA25 R01 10%



TE Part #2337238-3  
TACT MINI GW 5.2X5.2X2 160GF



TE Part #3-2176307-2  
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



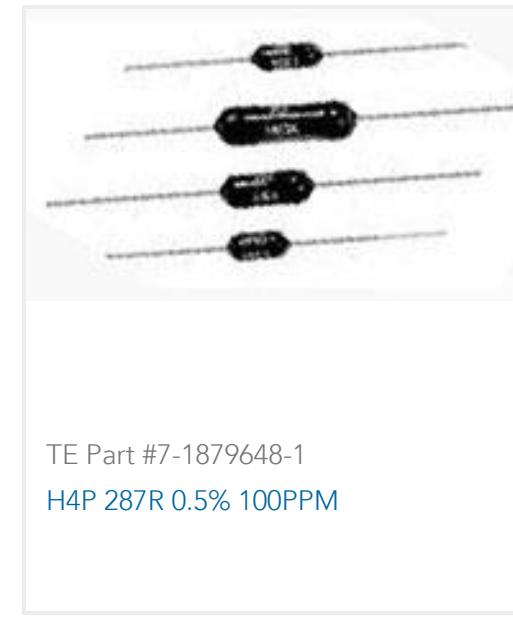
TE Part #7-2176305-3  
RP 1E 0.1W 604R 0.1% 25PPM 5K RL



TE Part #1-1879353-9  
RR02 5% 24K AMMO



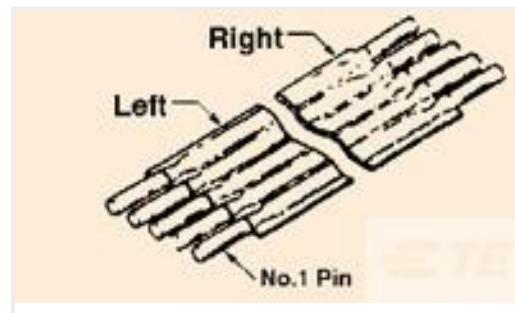
TE Part #7-1879354-5  
RR03 5% 390R AMMO



TE Part #7-1879648-1  
H4P 287R 0.5% 100PPM



TE Part #1-830611-0  
LGH 1/2 SNGL MLD END

TE Part #3-1437162-8  
FSP-12A-11TE Part #2-2176392-9  
RQ 1206 261K 0.1% 10PPM 5K RL

## Documents

### Product Drawings

[CPF 0603 2K49 0.1% 25PPM 5K RL](#)

English

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### Datasheets & Catalog Pages

[CPF-1016](#)

English