9-2176088-1 ~ ACTIVE

TE Internal #: 9-2176088-1 Surface Mount Resistors, Precision Resistor, 2 Terminations, Size Code 0603, Taped & Reeled, .1%, Thin Film, Resistance Range 1k Ω – 1M Ω Ω

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Number of Terminations: 2

Size Code: 0603

Packaging Method: Taped & Reeled

Tolerance: .1%

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Size Code	0603

Thin Film

Configuration Features

Number of Resistors	1
Electrical Characteristics	
Voltage Rating	100 V
Tolerance	.1%
Resistance Range	1kΩ – 1MΩ Ω
Resistance	7.87ΚΩ
Power Rating	.166 W
Termination Features	
Number of Terminations	2
Termination Type	Solder
Mechanical Attachment	
Mount Style	Surface Mount

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Surface Mount Resistors, Precision Resistor, 2 Terminations, Size Code 0603, Taped & Reeled, .1%, Thin Film, Resistance Range $1k\Omega - 1M\Omega \Omega$



Dimensions	
Dimensions	1.55 x .8 x .45 mm
Usage Conditions	
Temperature Coefficient	±25 ppm/°C
Packaging Features	
Packaging Method	Taped & Reeled
EU RoHS Directive 2011/65/EU	Compliant
	Compliant
EU ELV Directive 2000/53/EC	
	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Compliant No Restricted Materials Above Threshold
China RoHS 2 Directive MIIT Order No 32, 2016 EU REACH Regulation (EC) No. 1907/2006	•

2020 (205)

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

Solder Process Capability

Halogen Content

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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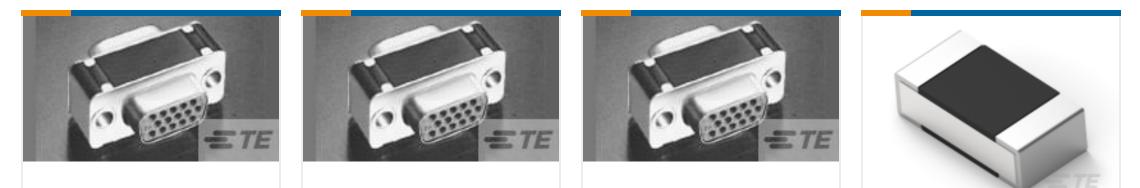


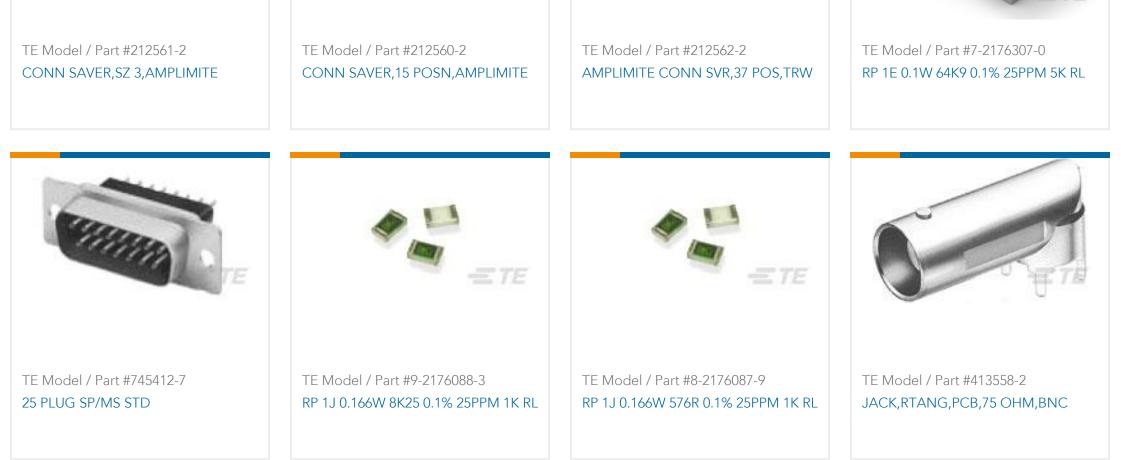




TE Model / Part # 2-2176308-7 RP 1E 0.1W 249K 0.1% 25PPM 5K RL

Customers Also Bought







9-2176088-1

Surface Mount Resistors, Precision Resistor, 2 Terminations, Size Code 0603, Taped & Reeled, .1%, Thin Film, Resistance Range $1k\Omega - 1M\Omega \Omega$



Documents

CAD Files 3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2176088-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-2176088-1_BA.3d_igs.zip

English

Customer View Model ENG_CVM_CVM_9-2176088-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages RP73-0915

English