

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

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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
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	100 V
Tolerance	.1%
Resistance Range	1kΩ – 1MΩ Ω
Resistance	7.87K Ω
Power Rating	.166 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions

Dimensions	1.55 x .8 x .45 mm
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Usage Conditions

Temperature Coefficient	±25 ppm/°C
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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
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	Aktuelle ECHA Kandidatenliste: JAN 2020 (205) Kandidatenliste deklariert bezüglich: JAN 2020 (205) Enthält keine SVHC
EU REACH Regulation (EC) No. 1907/2006	Aktuelle ECHA Kandidatenliste: JAN 2020 (205) Kandidatenliste deklariert bezüglich: JAN 2020 (205)
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 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.

Compatible Parts



TE Model / Part # 1-2176092-8
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



TE Model / Part # 2176093-5
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



TE Model / Part # 1625867-2
RP 1J 0.166W 10K 0.1% 25PPM 1K RL



TE Model / Part # 2176308-5
RP 1E 0.1W 147K 0.1% 25PPM 5K RL



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

Customers Also Bought



TE Model / Part #212561-2
CONN SAVER,SZ 3,AMPLIMITE



TE Model / Part #212560-2
CONN SAVER,15 POSN,AMPLIMITE



TE Model / Part #212562-2
AMPLIMITE CONN SVR,37 POS,TRW



TE Model / Part #7-2176307-0
RP 1E 0.1W 64K9 0.1% 25PPM 5K RL



TE Model / Part #745412-7
25 PLUG SP/MS STD



TE Model / Part #9-2176088-3
RP 1J 0.166W 8K25 0.1% 25PPM 1K RL



TE Model / Part #8-2176087-9
RP 1J 0.166W 576R 0.1% 25PPM 1K RL



TE Model / Part #413558-2
JACK,RTANG,PCB,75 OHM,BNC



TE Model / Part #084319-000
7724G3664-9



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

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Datasheets & Catalog Pages

[RP73-0915](#)

English