RP73PF1J42R2BTDF ✔ ACTIVE

TE Internal #: 8-1625867-0

Surface Mount Resistors, Precision Resistor, 2 Termination, 0603, Taped & Reeled, .1 %, Thin Film, Resistance Class Up to 1kΩ, 42.2 Ω, .166 W

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0603**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0603
Element Type	Thin Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	100 V
Passive Component Tolerance	.1 %
Resistance Class	Up to 1kΩ
Resistance Value	42.2 Ω
Power Rating	.166 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	1.55 x .8 x .45 mm

Usage Conditions

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 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

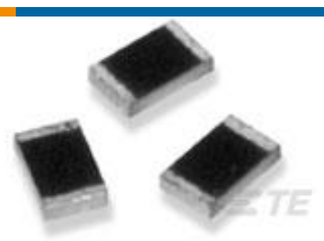
Compatible Parts



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



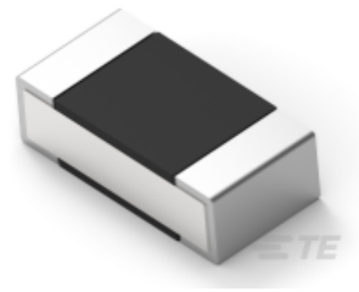
TE Part # 2176093-5
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



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



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



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

Customers Also Bought



TE Part #2-1879337-7
CPF 0603 4K64 1% 50PPM 1K RL



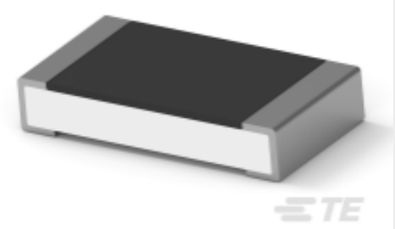
TE Part #6-2176087-4
RP 1J 0.166W 316R 0.1% 25PPM 1K RL



TE Part #9-1625867-8
RP 1J 0.166W 64R9 0.1% 25PPM 1K RL



TE Part #3-2176369-0
RQ 0603 80R6 0.1% 10PPM 5K RL



TE Part #4-2176391-8
RQ 1206 38K3 0.1% 10PPM 5K RL



TE Part #2176324-9
SMV 3W 470K 5%



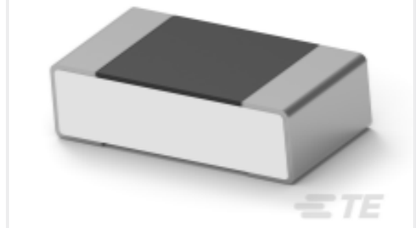
TE Part #3-826658-6
36P AMPMODU II STIFT LEI



TE Part #1-2176456-8
CPF 0603 1R5 0.1% 25ppm 1K RL



TE Part #2-2176456-4
CPF 0603 1R74 0.1% 25ppm 1K RL



TE Part #1-2176371-9
RQ 0603 7K15 0.1% 10PPM 5K RL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1625867-0_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1625867-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1625867-0_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