

SMA-A0207FTDT47K

✓ ACTIVE

TE Internal #: 7-2176316-0

Surface Mount Resistors, Precision Resistor, 2 Termination, 0207, Taped & Reeled, 1 %, Thin Film, Resistance Class 1kΩ – 1MΩ, 47K Ω, 1 W

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0207**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0207
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	47K Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Metal Electrode Leadless Face (MELF)

Dimensions

Passive Component Dimensions	5.9 x 2.2 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled
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Product Compliance

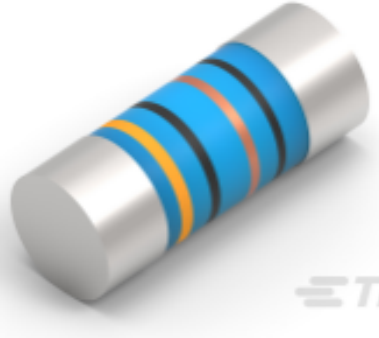
For compliance documentation, visit the product page on TE.com>

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	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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

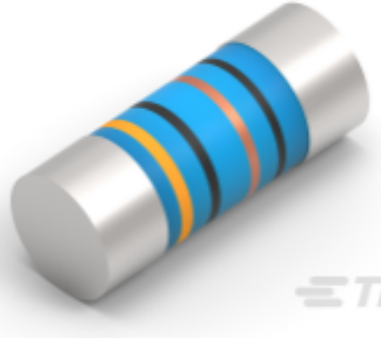
Product Compliance Disclaimer

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>

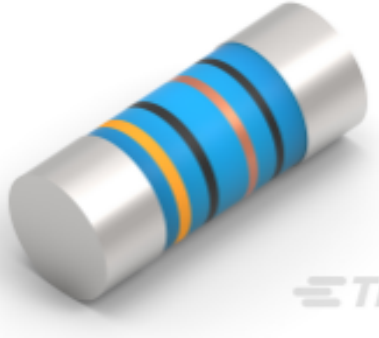
Compatible Parts



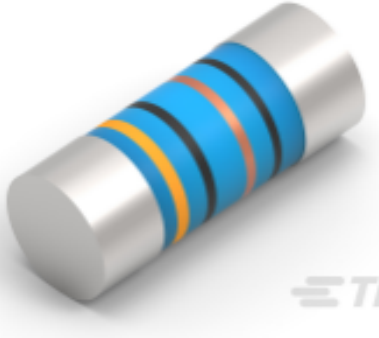
TE Part # 6-2176314-9
MELF SMA-A 10R 1% 50PPM 0102 0.3 W



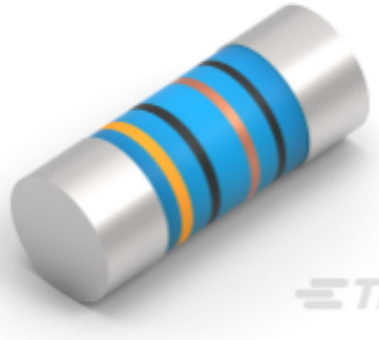
TE Part # 3-2176315-2
MELF SMA_A 39K 0.1% 15PPM 0204 0.4W



TE Part # 2176316-5
MELF SMA_A 220R 0.1% 15PPM 0207 1W



TE Part # 9-2176315-8
MELF SMA-A 1M0 1% 50PPM 0204 0.4 W

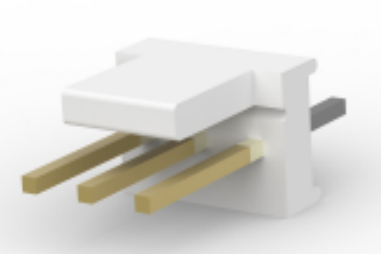


TE Part # 9-2176316-4
MELF SMA-A 330K 1% 50PPM 0207 1W

Customers Also Bought



TE Part #1393824-1
CRADLE RELAY ACCESSORY



TE Part #1-640454-0
Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded



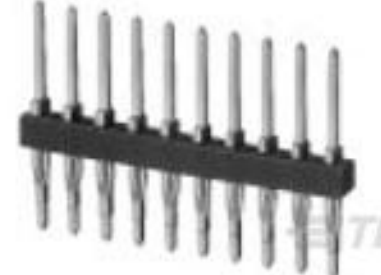
TE Part #1-770967-1
03P MINI UMNL R/A HDR ASSY AU



TE Part #1676362-2
RN 0805 4K87 0.1% 10PPM 1KRL



TE Part #1-1676123-5
1/2W SM M/OX 5% 3R3



TE Part #8-102898-8
05 MODII HDR SRST UNSHRD A/PIN



TE Part #1461403-4
STD OEG Miniature PCB OJ/OJE Pow Relays



TE Part #1419126-2
STD OEG PCB PCFN Solar Power Relays



TE Part #1624097-1
3615A-10-3525-10 10UH

TE Part #1393827-1
V23154Z1021

Documents



Product Drawings

MELF SMA_A 47K 1% 50PPM 0207 1W

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-2176316-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-2176316-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-2176316-0_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMA-A-1017

English