

SMA-A0207BTNT15K

✓ ACTIVE

Neohm | Neohm SMA-A

TE Internal #: 2-2176316-7

Surface Mount Precision Resistor, Thin Film, 0207, 1 W, 15K ohm, .1
%, ±15 ppm/°C, Metal Electrode Leadless Face (MELF), 2
Terminations, Neohm SMA-A

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Element Type: **Thin Film**
Package Size Code: **0207**
Power Rating: **1 W**
Resistance Value: **15K Ω**

Features

Dimensions

Product Diameter	2.2 mm[.087 in]
Product Length	5.9 mm[.232 in]

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±15 ppm/°C

Product Type Features

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

Configuration Features

Number of Resistors	1
---------------------	---

Electrical Characteristics

Power Rating	1 W
--------------	-----

Resistance Value	15K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	.1 %

Termination Features

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

Packaging Features

Packaging Method	Taped & Reeled
------------------	----------------

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant

Product Compliance

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

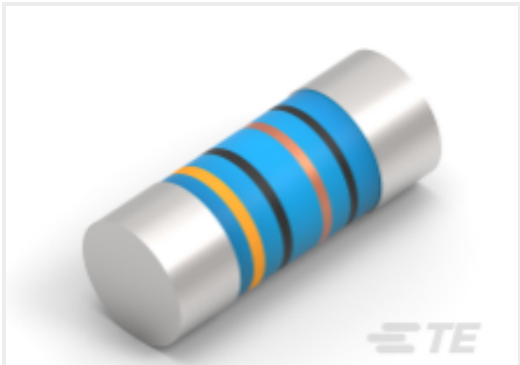
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

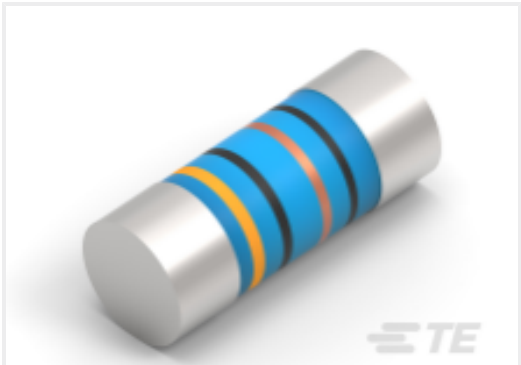
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>



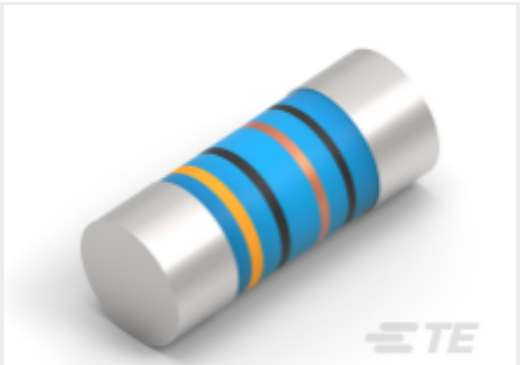
Compatible Parts



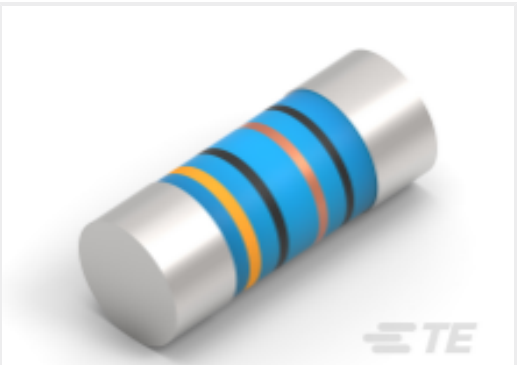
TE Part # 3-2176315-2
MELF SMA_A 39K 0.1% 15PPM 0204 0.4W



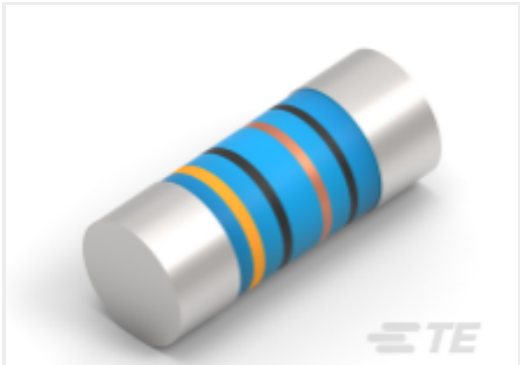
TE Part # 6-2176314-9
MELF SMA-A 10R 1% 50PPM 0102 0.3 W



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

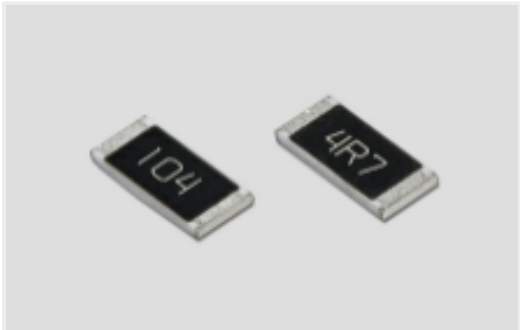


TE Part # 9-2176315-8
MELF SMA-A 1M0 1% 50PPM 0204 0.4 W



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

Also in the Series | [Neohm SMA-A](#)



Surface Mount Resistors(270)

Customers Also Bought



TE Part #2-2176055-5
RLP73K 2B R10 1% 1K RL



TE Part #3-794618-4
04P MICRO MNL ASSY R/A HDR LF



TE Part #5-1624113-7
3650 0805 0.33uH 5% 2K RL

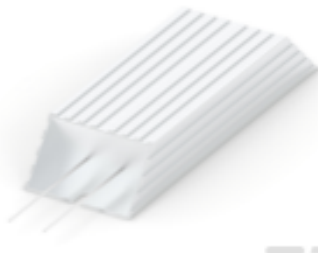


TE Part #207052-3
SZ23 UNASSM KIT,CPC

SMA-A0207BTNT15K

Surface Mount Precision Resistor, Thin Film, 0207, 1 W, 15K ohm, .1 %, ±15 ppm/°C, Metal Electrode Leadless Face (MELF), 2 Terminations, Neohm SMA-A





TE Part #1-2176507-2
[CJP 200W 4R7 5% Lead](#)



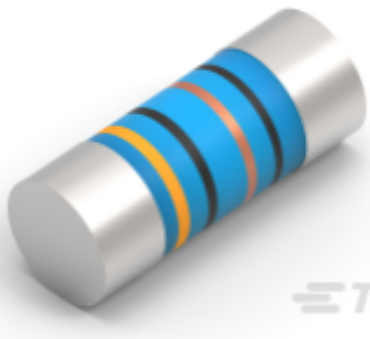
TE Part #5-2176343-6
[CRGCQ 1206 390K 1%](#)



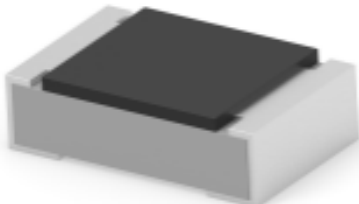
TE Part #1-2176155-8
[TLM 0805 0.25W R015 1% 100PPM 5K RL](#)



TE Part #6-1879499-5
[CRGH2010 5% 470R 1W RL](#)



TE Part #9-2176316-2
[MELF SMA-A 220K 1% 50PPM 0207 1W](#)



TE Part #2176576-6
[RLC73PD 2A R806 1% 1K RL](#)

Documents

Product Drawings

[MELF SMA_A 15K 0.1% 15PPM 0207 1W](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2176316-7_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2176316-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2176316-7_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