SMA-A0207BTNT68K ✔ ACTIVE

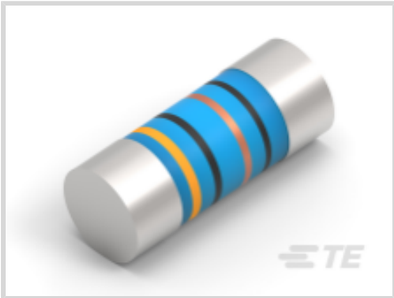
Neohm | Neohm SMA-A

TE Internal #: 3-2176316-5

68K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0207, Taped & Reeled, 1 W, ±15 ppm/°C, Metal Electrode Leadless Face (MELF), Neohm SMA-A

View on TE.com >

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

Electrical Characteristics

Passive Component Tolerance	.1 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	68K 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

Usage Conditions

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

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

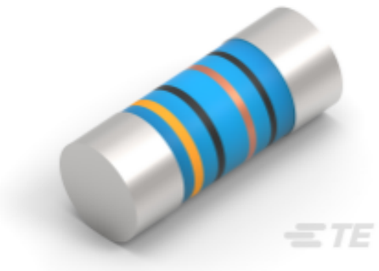
For compliance documentation, visit the product page on TE.com>

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: JAN 2023 (233) 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

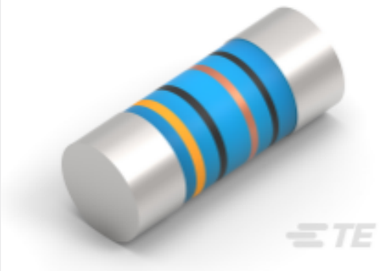
Product Compliance Disclaimer

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

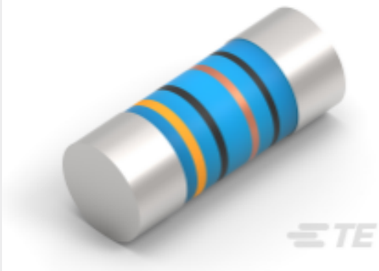
Compatible Parts



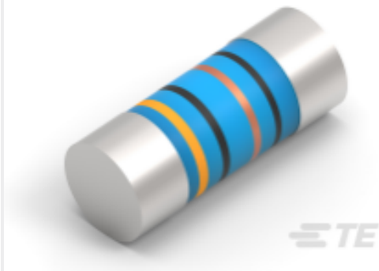
TE Part # 6-2176314-9
MELF SMA-A 10R 1% 50PPM 0102 0.3 W



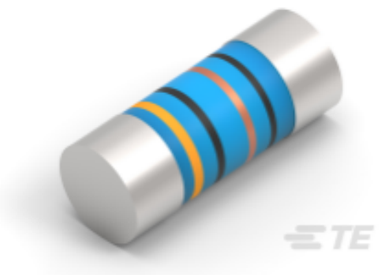
TE Part # 3-2176315-2
MELF SMA_A 39K 0.1% 15PPM 0204 0.4W



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

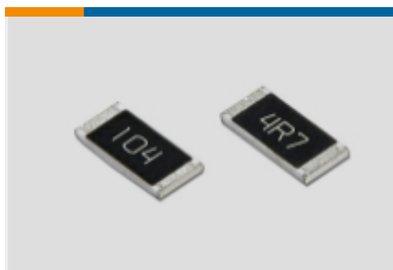


TE Part # 9-2176315-8
MELF SMA-A 1M0 1% 50PPM 0204 0.4 W



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

Also in the Series | Neohm SMA-A



Surface Mount Resistors(384)

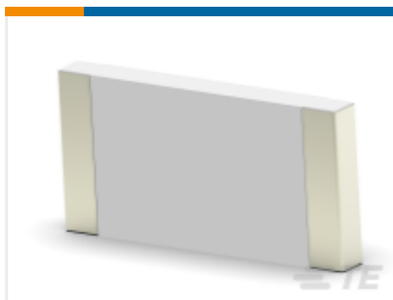
Customers Also Bought

TE Part #3-1879233-3
SMW5 2R2 5%

TE Part #2176232-7
3522 240K 1% 3W

TE Part #2-1445050-2
MICRO MNL HDR ASSY S/ROW LF

TE Part #170014-5
FF 110 TAB 20-16AWG BR



TE Part #2-2176251-5
CRGS2010 5% 100R

Documents

Product Drawings

MELF SMA_A 68K 0.1% 15PPM 0207 1W

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176316-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176316-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176316-5_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

SMA-A-1017

English