

SMA-A0207FTDT330K

✓ ACTIVE

Neohm | Neohm SMA-A

TE Internal #: 9-2176316-4

Precision Resistor, Thin Film, 0207, 1 W, 330K ohm, 1 %, ±50 ppm/°C, Metal Electrode Leadless Face (MELF), 2 Termination, 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: **330K Ω**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	350 V
Power Rating	1 W
Resistance Value	330K Ω
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	1 %

Termination Features

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

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	±50 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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) 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

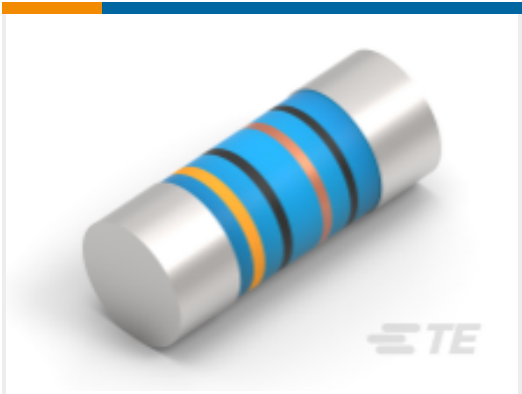
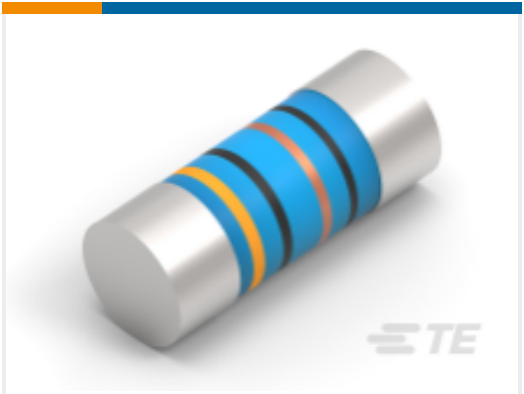
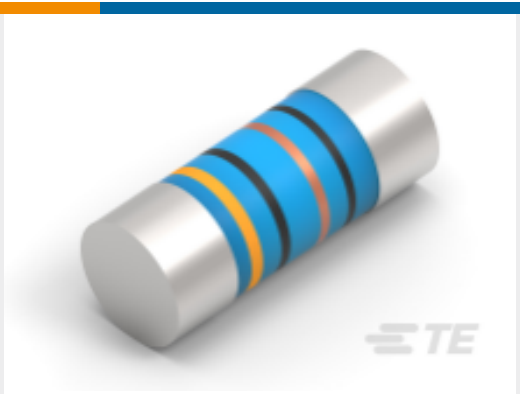
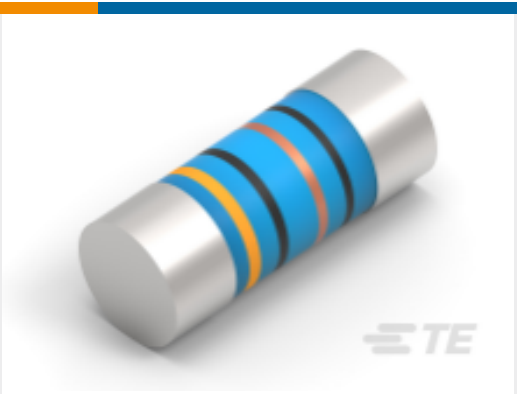
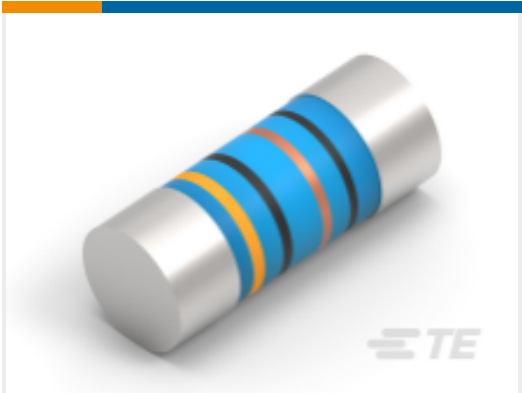
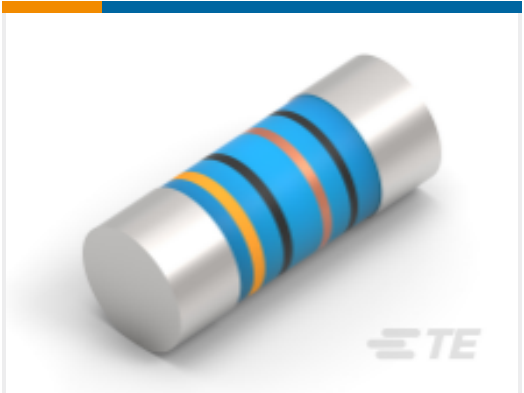
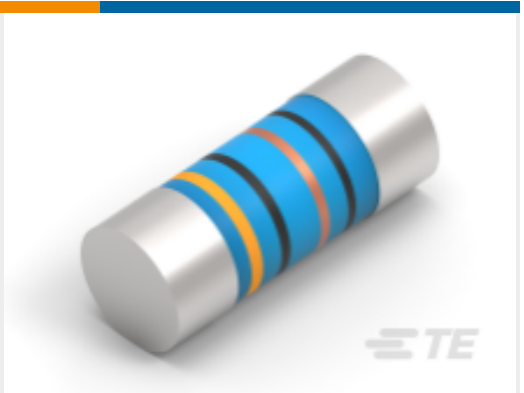
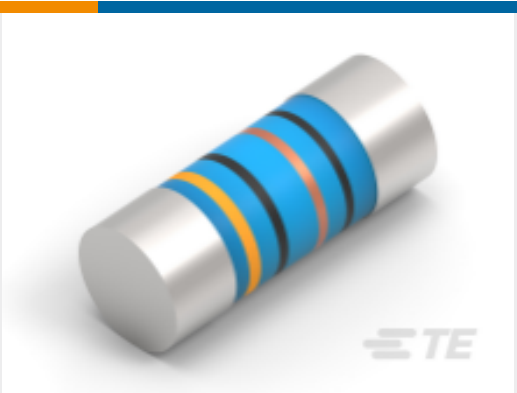
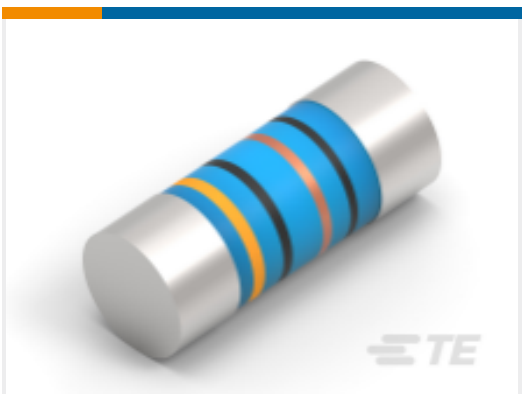
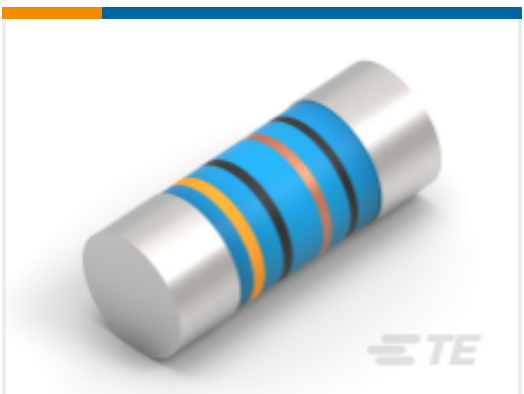
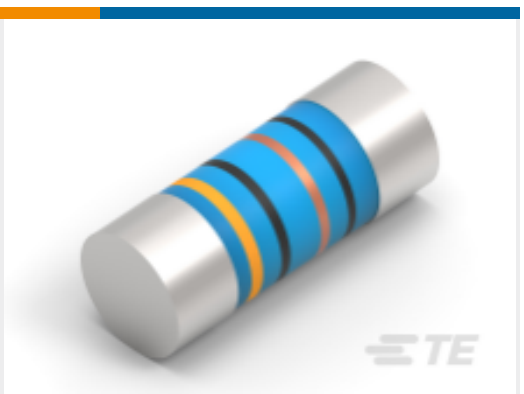
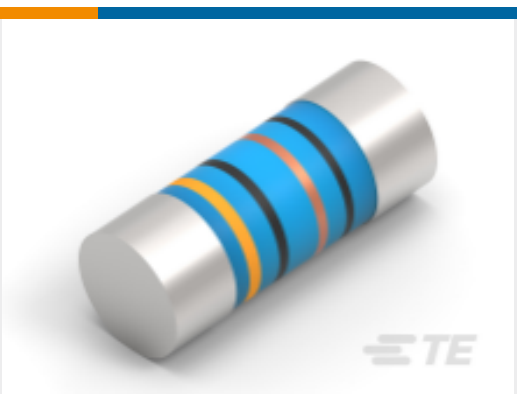
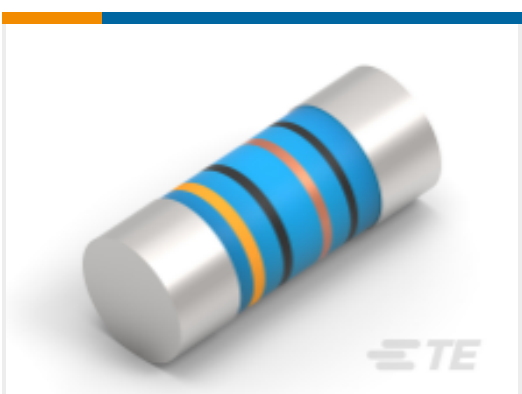
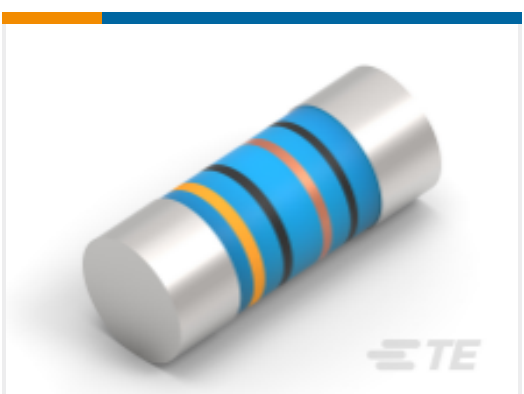
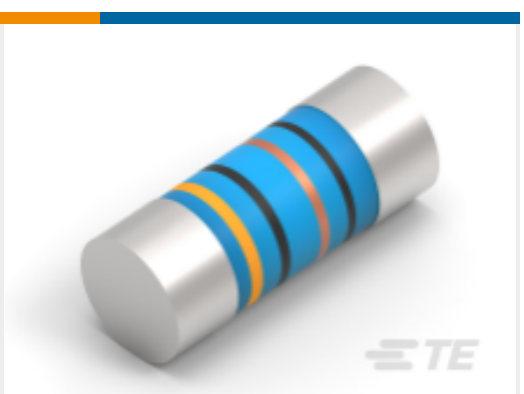
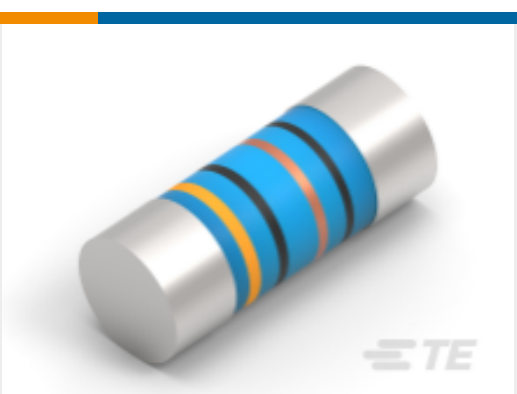
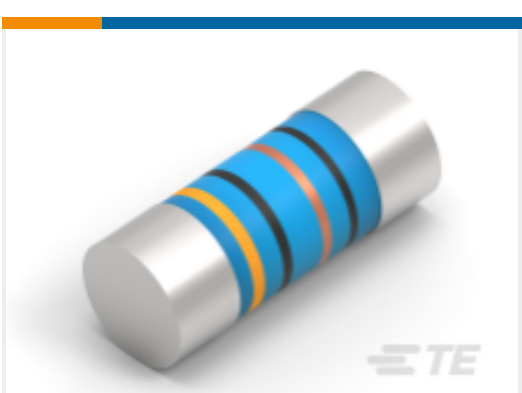
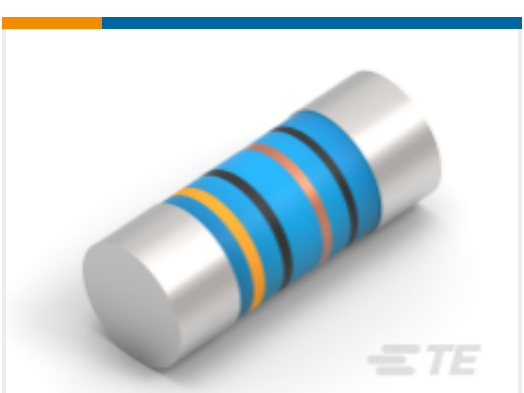
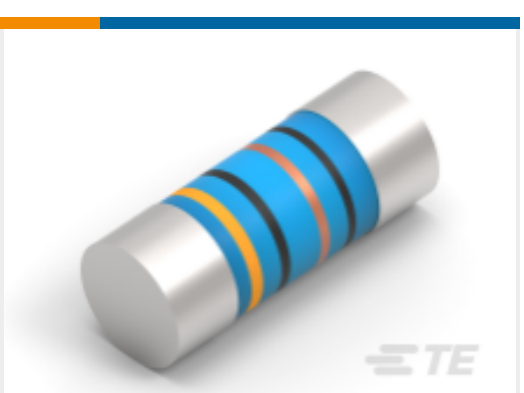
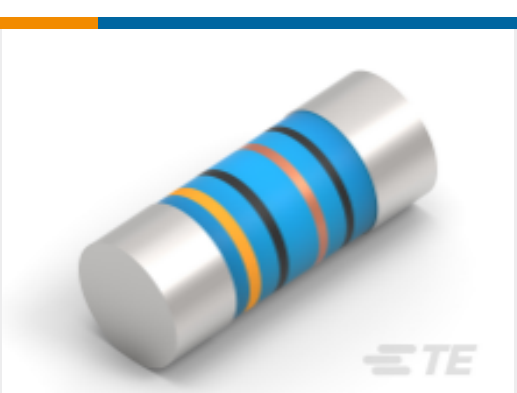
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

SMA-A0207FTDT330K

Precision Resistor, Thin Film, 0207, 1 W, 330K ohm, 1 %, ±50 ppm/°C, Metal Electrode
Leadless Face (MELF), 2 Termination, Neohm SMA-A



 TE Part # 2176314-1 MELF SMA_A 100R 0.1% 15PPM 0102 0.3W	 TE Part # 2-2176314-5 MELF SMA_A 10K 0.1% 15PPM 0102 0.3W	 TE Part # 2176314-2 MELF SMA_A 120R 0.1% 15PPM 0102 0.3W	 TE Part # 2-2176314-6 MELF SMA_A 12K 0.1% 15PPM 0102 0.3W
 TE Part # 2176314-3 MELF SMA_A 150R 0.1% 15PPM 0102 0.3W	 TE Part # 2176314-4 MELF SMA_A 180R 0.1% 15PPM 0102 0.3W	 TE Part # 2-2176314-8 MELF SMA_A 18K 0.1% 15PPM 0102 0.3W	 TE Part # 1-2176314-3 MELF SMA_A 1K0 0.1% 15PPM 0102 0.3W
 TE Part # 1-2176314-4 MELF SMA_A 1K2 0.1% 15PPM 0102 0.3W	 TE Part # 1-2176314-5 MELF SMA_A 1K5 0.1% 15PPM 0102 0.3W	 TE Part # 1-2176314-6 MELF SMA_A 1K8 0.1% 15PPM 0102 0.3W	 TE Part # 2-2176314-9 MELF SMA_A 22K 0.1% 15PPM 0102 0.3W
 TE Part # 2176314-6 MELF SMA_A 270R 0.1% 15PPM 0102 0.3W	 TE Part # 3-2176314-0 MELF SMA_A 27K 0.1% 15PPM 0102 0.3W	 TE Part # 1-2176314-7 MELF SMA_A 2K2 0.1% 15PPM 0102 0.3W	 TE Part # 1-2176314-8 MELF SMA_A 2K7 0.1% 15PPM 0102 0.3W
 TE Part # 2176314-7 MELF SMA_A 330R 0.1% 15PPM 0102 0.3W	 TE Part # 3-2176314-1 MELF SMA_A 33K 0.1% 15PPM 0102 0.3W	 TE Part # 2176314-8 MELF SMA_A 390R 0.1% 15PPM 0102 0.3W	 TE Part # 3-2176314-2 MELF SMA_A 39K 0.1% 15PPM 0102 0.3W

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

SMA-A0207FTDT330K

Precision Resistor, Thin Film, 0207, 1 W, 330K ohm, 1 %, ±50 ppm/°C, Metal Electrode Leadless Face (MELF), 2 Termination, Neohm SMA-A



Surface Mount Resistors(384)

Customers Also Bought

TE Part #5747845-6
15 MSFL RCPT RA 318 (SL,FM,BL)

TE Part #2-1445057-4
MICRO MNL HDR ASSY SINGLE ROW

TE Part #5520426-4
MJ,R/A,8P

TE Part #1393236-7
V23092-A1012-A301

TE Part #750644-1
50SR SCREWLOCK KIT,FEMALE

TE Part #3-2176525-6
3503G 2B 13K7 1% 1K RL

TE Part #504295-E
MCBA 10 M * SMD 137 * 176 * GURT * J 2 5

TE Part #CSH-SGFB-100-UFFR
SMA to U.FL/MHF1 100mm 1.32 OD

TE Part #1393788-3
V23079A1001B301

Documents

Product Drawings

MELF SMA-A 330K 1% 50PPM 0207 1W

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2176316-4_BA.2d_dxf.zip

SMA-A0207FTDT330K

Precision Resistor, Thin Film, 0207, 1 W, 330K ohm, 1 %, ±50 ppm/°C, Metal Electrode
Leadless Face (MELF), 2 Termination, Neohm SMA-A



English

Customer View Model

[ENG_CVM_CVM_9-2176316-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2176316-4_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