



Neohm | Neohm SMA-A

TE Internal #: 9-2176316-4

330K Ω , Thin Film, Precision Resistor, 1 %, 2 Termination, 0207, Taped & Reeled, 1 W, ± 50 ppm/ $^{\circ}\text{C}$, 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

Voltage Rating	350 V
Passive Component Tolerance	1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	330K 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 $^{\circ}\text{C}$
-----------------------------	------------------------------

Temperature Coefficient	± 50 ppm/ $^{\circ}\text{C}$
-------------------------	----------------------------------

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 2023 (235) 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 $^{\circ}\text{C}$
---------------------------	---

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 # 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

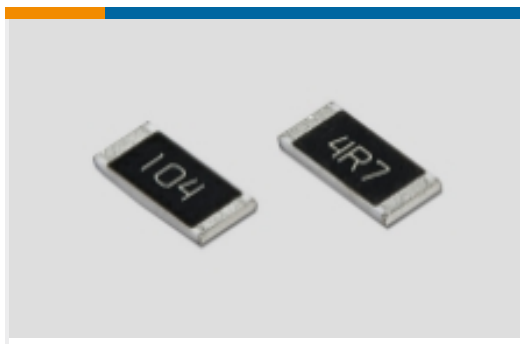


TE Part # 2176314-8
MELF SMA_A 390R 0.1% 15PPM 0102
0.3W



TE Part # 3-2176314-2
MELF SMA_A 39K 0.1% 15PPM 0102
0.3W

Also in the Series | **Neohm SMA-A**



Surface Mount Resistors(384)

Customers Also Bought



TE Part #4-1734839-0
FPC CONN. 0.5MM PITCH T/C,40P



TE Part #5380598-2
RCR AU-SPR SN-CUP 018-040



TE Part #1462041-7
IMB03CGR=IM RELAY 140mW 5V HDV



TE Part #6-1879022-9
SMF3 220K 5%



TE Part #2-520184-4
ULTRAFast 250 ASSY REC 22-18
TPBR LP



TE Part #5-1393788-7
V23079D1003B301



TE Part #5-146256-3
06 MODII HDR DRST B/A .100CL L



TE Part #2-1462037-2
IM05TS=IM Relay 140mW 9V



TE Part #1-1393238-9
RTB14024



TE Part #2-1658527-8
622-3441LF=FSKT IDC S 34 30AU

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



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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English