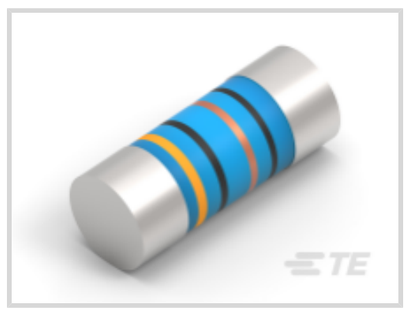
SMA-A0207FTDTR56 ✔ ACTIVE

TE Internal #: 1-2176317-4

Surface Mount Resistors, Precision Resistor, 2 Terminations, Size Code 0207, Taped & Reeled, 1%, Thin Film, Resistance Range Up to 1k Ω

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Size Code: **0207**

Packaging Method: **Taped & Reeled**

Tolerance: **1%**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	350 V
Tolerance	1%
Resistance Range	Up to 1k Ω
Resistance	.56 Ω
Power Rating	1 W

Termination Features

Number of Terminations	2

Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount

Dimensions

Dimensions	5.9 x 2.2 mm

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	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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Lead monoxide (.4% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for

substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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



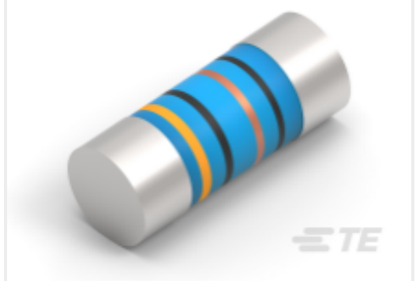
TE Model / Part # 3-2176315-2
MELF SMA_A 39K 0.1% 15PPM 0204 0.4W



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

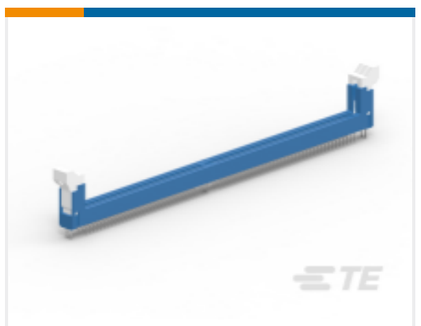


TE Model / Part # 9-2176315-8
MELF SMA-A 1M0 1% 50PPM 0204 0.4W



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

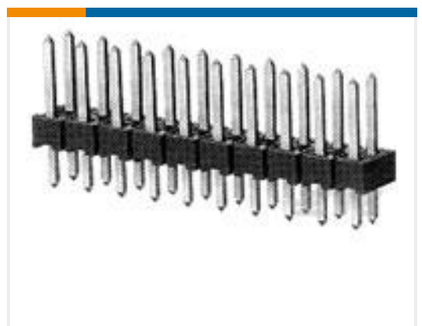
Customers Also Bought



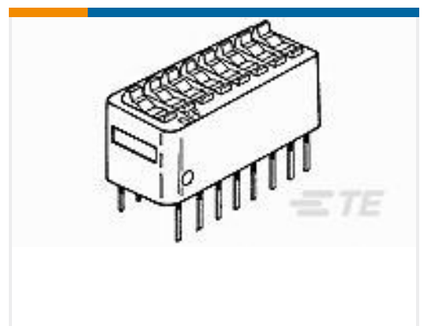
TE Model / Part #2308107-6
DDR4 DIMM 288 PIN TH TYPE



TE Model / Part #1-2007492-6
SFP+assy2x1 EMI Sprg Inner LP Sn Enhance



TE Model / Part #5-146265-4
08 MODII HDR DRST B/A 100 W/HD



TE Model / Part #3-435640-0
DIP SW 3 POSN AU



TE Model / Part #4-338088-3
8/8 INV.MOD.JACK



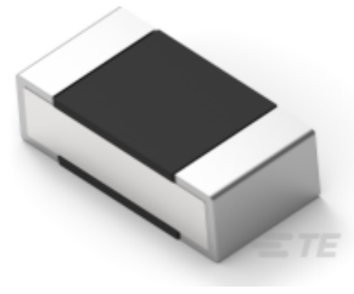
TE Model / Part #6-534257-0
40 MODII 2PC SHRD HDR W/HLDWN, ROHS



TE Model / Part #2337243-1
TACT MINI JB 5.2X5.2X1.5 70GF



TE Model / Part #2176306-4
RP 1E 0.1W 1K24 0.1% 25PPM 5K RL



TE Model / Part #8-2176304-3
RP 1E 0.1W 71R5 0.1% 25PPM 5K RL



TE Model / Part #1-2176372-5
RQ 0603 69K8 0.1% 10PPM 5K RL

Documents

Product Drawings

MELF SMA-A R56 1% 50PPM 0207 1W

English

Datasheets & Catalog Pages

SMA-A-1017

English

Product Environmental Compliance

REACH Substance Communication Document

English