

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: General Purpose Resistor

Element Type: Metal Oxide Film

Power Rating: 5 W

Resistance Class: Up to 1kΩ

Resistance Value: 13 Ω

Features

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Operating Voltage | 500 V |
| Power Rating | 5 W |
| Resistance Class | Up to 1kΩ |
| Resistance Value | 13 Ω |
| Passive Component Tolerance | 5 % |

Product Type Features

| | |
|---------------|--------------------------|
| Resistor Type | General Purpose Resistor |
| Element Type | Metal Oxide Film |

Configuration Features

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

Body Features

| | |
|-----------|--------------|
| Lead Type | Axial-Leaded |
|-----------|--------------|

Termination Features

Termination Area Base Material

Copper

Number of Terminations

1

Dimensions

Passive Component Dimensions

17.5 x 6.5 mm

Usage Conditions

Temperature Coefficient

 ± 350 ppm/ $^{\circ}\text{C}$ **Packaging Features**

Packaging Method

Ammo Packed

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor compliance documentation, visit the product page on [TE.com](https://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

Wave solder capable to 265°C

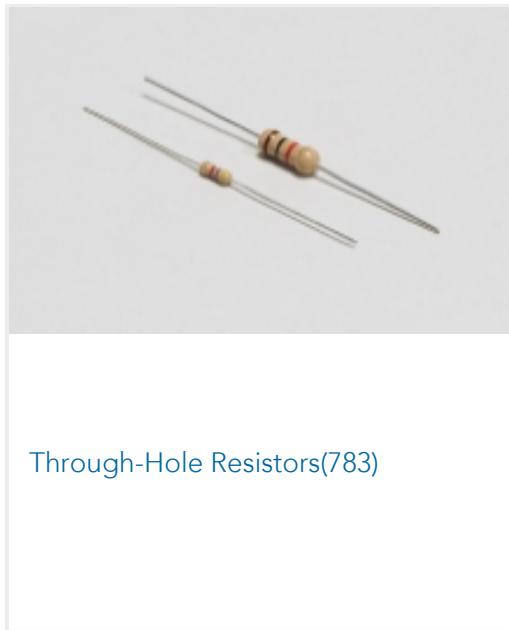
Product Compliance Disclaimer

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 # 1625893-5
5W SM M/OX 5% 47KTE Part # 1625881-2
1W STD M/OX 2% 220RTE Part # 2-1625892-1
3W SM M/OX 5% 1K0TE Part # 6-1676123-7
1/2W SM M/OX 5% 470RTE Part # 4-1625886-1
1W SM M/OX 5% 820K

Also in the Series | Neohm ROX



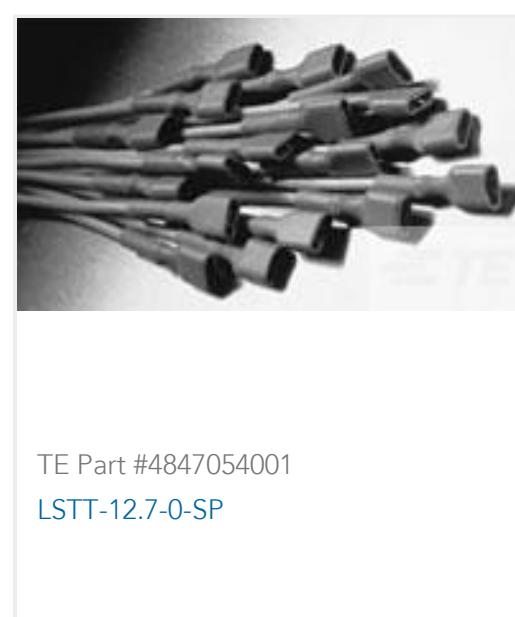
Through-Hole Resistors(783)

Customers Also Bought

TE Part #1-1879417-7
CPF 0603 820K 0.1% 25PPM 1K RLTE Part #796683-5
TERMI-BLOK PCB MOUNT 90 5P.TE Part #1-1879134-3
RN 0603 13K 0.1% 10PPM 1K RLTE Part #1-480416-8
250 FASTON HSG.,REC.,1 POS,
NATRUAL



TE Part #4-1879225-6
CPF 0603 124K 0.1% 25PPM 1K RL



TE Part #4847054001
LSTT-12.7-0-SP



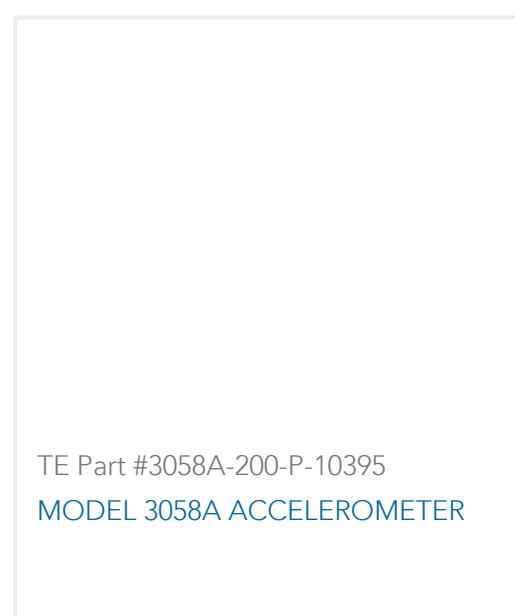
TE Part #42025-1
250 FASTON REC 18-14 AWG TPBZ



TE Part #58524-2
PROCRIMPER DIE



TE Part #2176250-9
TJT 500W 22R 5%



TE Part #3058A-200-P-10395
MODEL 3058A ACCELEROMETER

Documents

Product Drawings

5W XSM M/OX 5% 13R

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2176412-1_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176412-1_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176412-1_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives

English