



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **2 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **5.6K Ω**

### Features

#### Product Type Features

Resistor Type	Power Resistor
Element Type	Metal Oxide Film

#### Configuration Features

Number of Resistors	1
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#### Electrical Characteristics

Power Rating	2 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	5.6K Ω
Passive Component Tolerance	5 %

#### Body Features

Lead Type	Axial-Leaded
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#### Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

#### Dimensions

Passive Component Dimensions	16 x 5.5 mm
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#### Usage Conditions

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Operating Temperature Range	-55 – 235 °C[-67 – 455 °F]
Temperature Coefficient	±350 ppm/°C

**Packaging Features**

Packaging Method	Ammo Packed
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**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 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

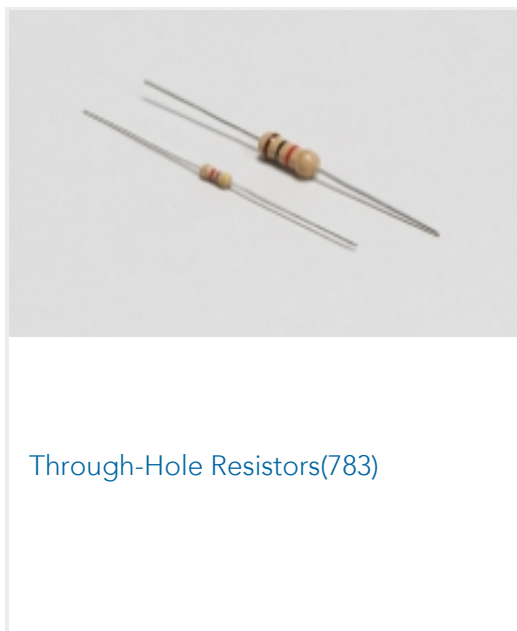
**Compatible Parts**





TE Part # 1625893-5  
5W SM M/OX 5% 47K

### Also in the Series | NEOHM ROX



Through-Hole Resistors(783)

### Customers Also Bought



TE Part #ANT-GNSSCP-SM12L1  
Antenna GNSS L1 12x12 SMT



TE Part #1625890-9  
2W SM M/OX 5% 12K



TE Part #2-1625890-4  
2W SM M/OX 5% 1K8



TE Part #1630027-3  
HSC300 10R 5%



TE Part #4-1879497-7  
CRGH1206 5% 82R 0.5W



TE Part #2-2176156-2  
TLM 1206 0.5W R022 1% 50PPM 5K RL



TE Part #2-2176731-9  
HSC100S 12R 5% Screw Terminal



TE Part #5-2213772-3  
AV22 DPM 3A MOVE RING LED GREEN 12V



TE Part #926476-000  
KTKK-0446



TE Part #539756-2  
DIE SPT



## Documents

### Product Drawings

[2W SM M/OX 5% 5K6](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1625890-2\\_BA1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1625890-2\\_BA1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1625890-2\\_BA1.3d\\_igs.zip](#)

English

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### Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English