

Passive Components &gt; Resistors &gt; Through-Hole Resistors

Resistor Type: **General Purpose Resistor**Element Type: **Metal Oxide Film**Power Rating: **.5 W**Resistance Class: **Up to 1k $\Omega$** Resistance Value: **47  $\Omega$** 

## Features

### Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C
Temperature Coefficient	$\pm 350$ ppm/ $^{\circ}$ C

### Electrical Characteristics

Operating Voltage	250 V
Power Rating	.5 W
Resistance Class	Up to 1k $\Omega$
Resistance Value	47 $\Omega$
Passive Component Tolerance	5 %

### Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Metal Oxide Film

### Configuration Features

Number of Resistors	1
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### 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	7.2 x 2.5 mm
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### Packaging Features

Packaging Method	Ammo Packed
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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

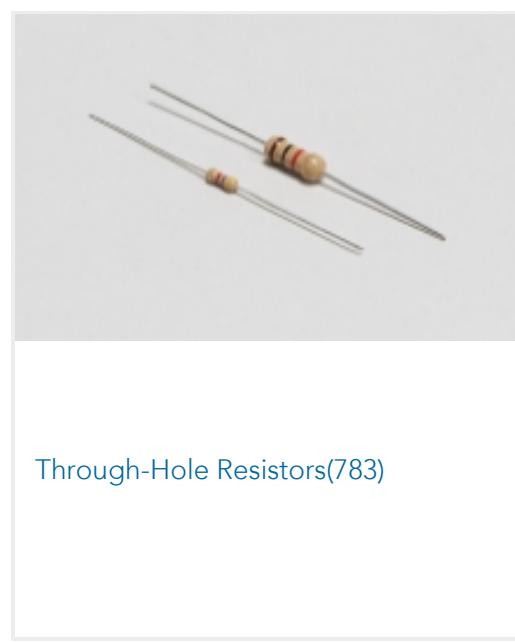
#### Product Compliance Disclaimer

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

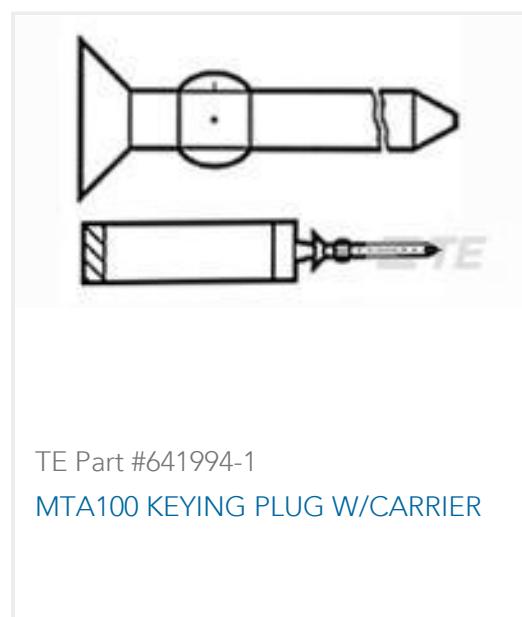


## Also in the Series | Neohm ROX



## Customers Also Bought



TE Part #4-1676123-5  
1/2W SM M/OX 5% 56RTE Part #4-1676123-8  
1/2W SM M/OX 5% 75RTE Part #7-2176371-6  
RQ 0603 28K 0.1% 10PPM 5K RLTE Part #3-2176177-1  
CRGH0603 1% 47K 0.2WTE Part #641994-1  
MTA100 KEYING PLUG W/CARRIERTE Part #1544107-1  
CLIPS 8 MM G2 MAXI

## Documents

### Product Drawings

[1/2W SM M/OX 5% 47R](#)

English

### Datasheets & Catalog Pages

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

English