

2W SM MOX 5% 59R

✓ ACTIVE

Neohm | Neohm ROX

TE Part # 9-1625890-6

TE Internal #: ROX2SJ59R

[View on TE.com >](#)



Passive Components > Resistors > Fixed Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Dimensions: **16 x 5.5 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Tolerance: **5%**

Features

Product Type Features

Product Type	Fixed Resistor
Element Material	Metal Oxide
Resistor Type	Power Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Tolerance	5%
Resistance Class	Up to 1kΩ
Resistance	59 Ω
Power Rating	2 W

Body Features

Lead Type	Axial Leaded
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Termination Features

Number of Terminations	2
Termination Type	Tinned Copper Leads

Mechanical Attachment

Mount Style	Axial Leaded
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Dimensions



Dimensions	16 x 5.5 mm
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Usage Conditions

Operating Temperature Range	-55 – 235 °C
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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 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

2W SM MOX 5% 59R

TE Part # 9-1625890-6
TE Internal #: ROX2SJ59R



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



TE Part # 6-1676123-7
1/2W SM M/OX 5% 470R



TE Part # 1625881-2
1W STD M/OX 2% 220R



TE Part # 4-1625886-1
1W SM M/OX 5% 820K



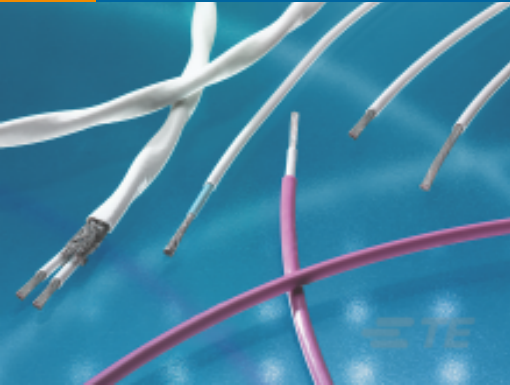
TE Part # 2-1625892-1
3W SM M/OX 5% 1K0

Also in the Series | Neohm ROX




Through-Hole Resistors
(786)

Customers Also Bought



TE Part #331243-000
55A0822-16-9/96CS2275



TE Part #5-1623746-9
ER74 R02 5% AMMO PK



TE Part #1-102393-1
26 AMPMODU MT ASSY
DR .100CL



TE Part #
YACT24MC35PNV00100
JAM NUT RECEPTACLE



TE Part #YDTS20F13-
35SNC001
RECP ASSY



TE Part #YDTS24G09-
35PNV001
RECP ASSY



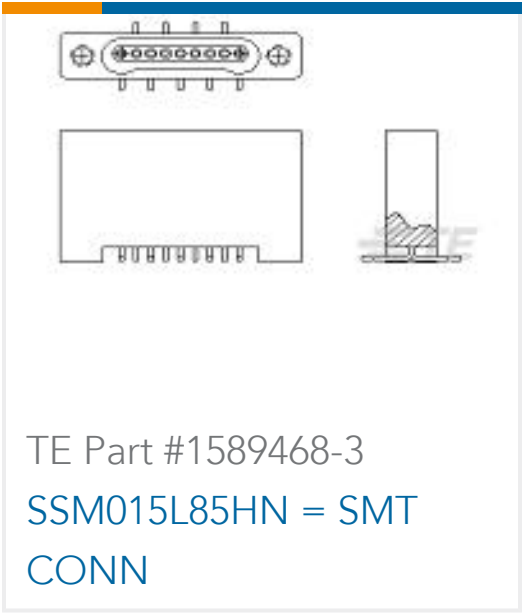
TE Part #EJ3522-000
S200-1-55-18-9CS2904



TE Part #EJ3518-000
S200-2-55-20-9CS2904

2W SM MOX 5% 59R

TE Part # 9-1625890-6
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Documents

Product Drawings

2W SM MOX 5% 59R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1625890-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1625890-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1625890-6_BA.3d_stp.zip

English

Datasheets & Catalog Pages

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

English