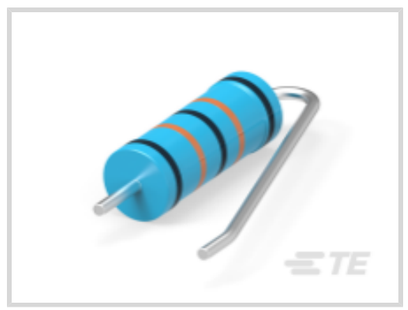
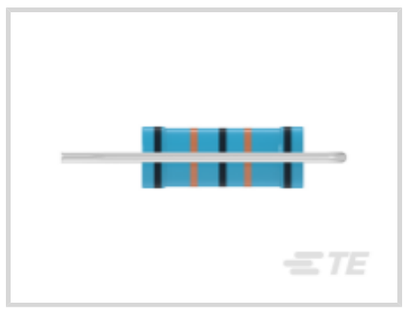
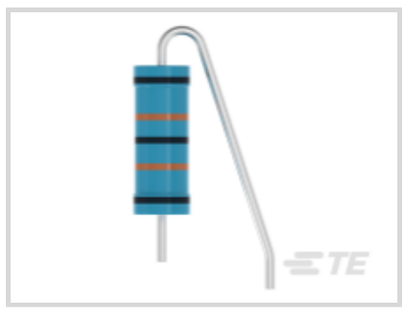
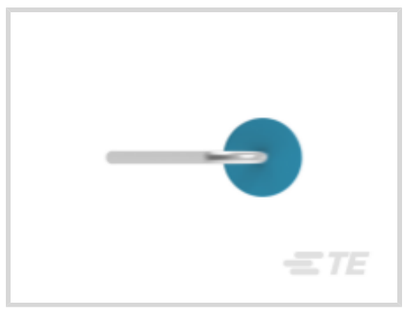
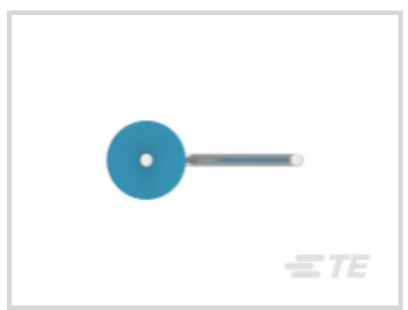
ROX2SJ220RBLF-3509 ✔ ACTIVE

TE Internal #: 2176293-1

TE Internal Description: 2W SM MOX 5% 220R F-3509 FORMING

View on TE.com >

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: JUNE 2025 (250) 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 # 4-1625890-6
2W SM M/OX 5% 39R



TE Part # 1625890-4
2W SM M/OX 5% 100R



TE Part # 1-1625890-1
2W SM M/OX 5% 150K



TE Part # 4-1625890-3
2W SM M/OX 5% 33R

Customers Also Bought



TE Part #280372-2
6P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #2-1437565-7
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Part #1-1623732-1
BCHE 7 W 18K 5%



TE Part #1-1623774-8
C14 15K 5% (LOOSE)



TE Part #2-1419130-4
TSC-112L3H,000

Documents

Product Drawings

2W SM MOX 5% 220R F-3509 FORMING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176293-1_BB.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2176293-1_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176293-1_BB.2d_dxf.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