

RSS5W100KJTR

✓ ACTIVE

CGS | CGS RSS

TE Internal #: 1624247-8

Power Resistor, Metal Oxide Film, 5 W, 100K Ω , 5 %, ± 300 ppm/ $^{\circ}\text{C}$, Axial-Leaded, Copper Termination, 24 x 8.5 mm, Taped & Reeled, 2 Termination, CGS RSS

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**
Element Type: **Metal Oxide Film**
Power Rating: **5 W**
Resistance Class: **1k Ω - 1M Ω**
Resistance Value: **100K 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	5 W
Resistance Class	1k Ω - 1M Ω
Resistance Value	100K 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	24 x 8.5 mm
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Usage Conditions

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Operating Temperature Range	-55 - 155 $^{\circ}\text{C}$
Temperature Coefficient	± 300 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Taped & Reeled
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 $^{\circ}\text{C}$

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 # 3-1624246-8 RSS3 560R 5% AMMO PK	 TE Part # 1624246-5 RSS3 12K 5% AMMO PK	 TE Part # 1-1624246-4 RSS3 1K2 5% AMMO PK	 TE Part # 4-1624246-9 RSS3 8K2 5% AMMO PK
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Also in the Series | CGS RSS



Connector Hardware(1)



Duct Seals(4)



PCMCIA Connectors(1)

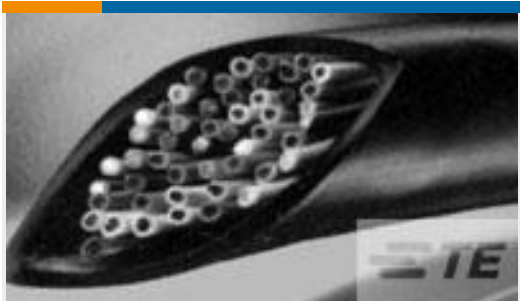


Surface Mount Resistors(1)



Through-Hole Resistors(68)

Customers Also Bought



TE Part # 5147664002
NTFR-3-0-SP



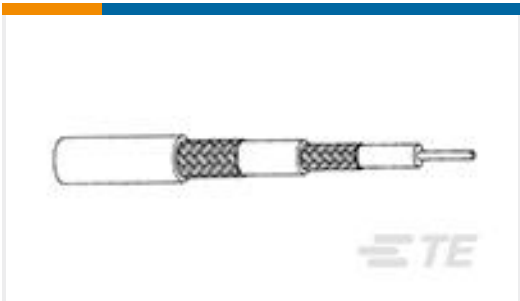
TE Part # 607839-000
7724C3864-0



TE Part # 318606-000
TTVF075YW-100



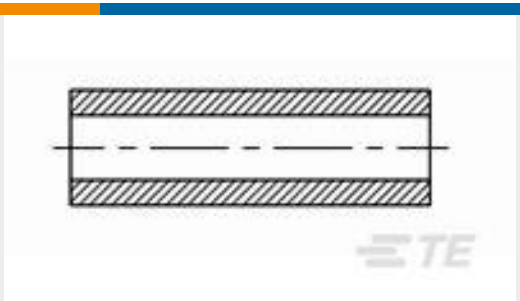
TE Part # 747757-000
S02-10-R-9



TE Part # 430058-000
5028D5312-9



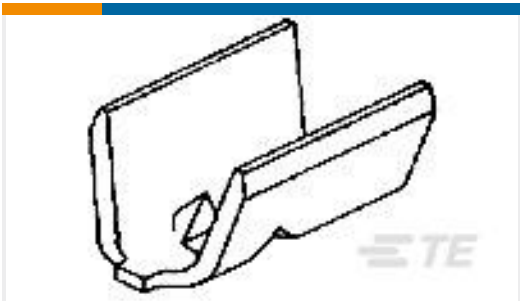
TE Part # 4-1617567-1
JMACDD-9XP=M39016/20-051P



TE Part # 699033-000
CTA-0012



TE Part # 530754-1
BOX JACKSCREW ASSY-MALE



TE Part # 485064-1
SPLICE IP 22 AWG .012 BR



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624247-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624247-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624247-8_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

High Voltage Resistors - Type RSS Series - Tyco Electronics Passives

English