

RSS3W27KJTB ✓ ACTIVE

CGS | CGS RSS

TE Internal #: 2-1624246-2

27K ohm, Through-Hole Power Resistor, Metal Oxide Film, 3 W, 5 %, ± 300 ppm/ $^{\circ}\text{C}$, Axial-Leaded, Copper Termination, 5 x 15 mm, Ammo Packed, CGS RSS

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Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **27K Ω**

Resistor Type: **Power Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **3 W**

Resistance Class: **1k Ω – 1M 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

Operating Voltage	350 V
Resistance Value	27K Ω
Power Rating	3 W
Resistance Class	1k Ω – 1M 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	5 x 15 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±300 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 2025 (247) 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



TE Part # 1624246-5
RSS3 12K 5% AMMO PK



TE Part # 1-1624246-4
RSS3 1K2 5% AMMO PK



TE Part # 1879004-5
RSS7 33K 5% LOOSE

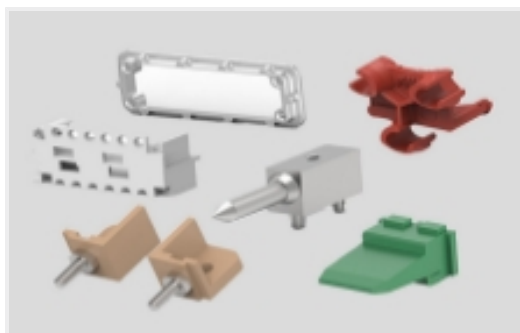


TE Part # 3-1624246-8
RSS3 560R 5% AMMO PK

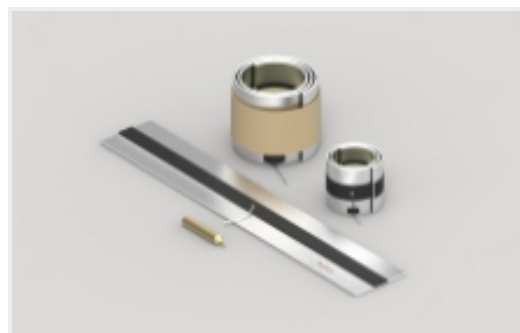


TE Part # 4-1624246-9
RSS3 8K2 5% AMMO PK

Also in the Series | CGS RSS



Connector Hardware(1)



Duct Seals(4)

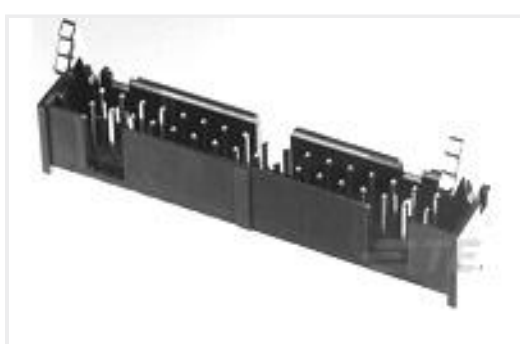


PCMCIA Connectors(1)



Through-Hole Resistors(63)

Customers Also Bought



TE Part #2-1761606-3
IDC LOW PRO HDR 10P VERT LAT
BLUE

Documents

[Product Drawings](#)
[RSS3 27K 5% AMMO PK](#)

English

[CAD Files](#)
[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_2-1624246-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1624246-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1624246-2_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