# RSS7W33KJ ✔ ACTIVE

CGS | CGS RSS

TE Internal #: 1879004-5

33K ohm, Metal Oxide Film, Power Resistor, 5 %, 7 W, ±200 ppm/°C, Axial-Leaded, Copper Termination, 41 x 8.5 mm, Loose Piece, 2 Terminations, CGS RSS

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **7 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **33K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Metal Oxide Film |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 750 V |
| Power Rating | 7 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 33K Ω |
| Passive Component Tolerance | 5 % |

### Body Features

| | |
|---|---|
| Lead Type | Axial-Leaded |

### Termination Features

| | |
|---|---|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

### Dimensions

| | |
|---|---|
| Passive Component Dimensions | 41 x 8.5 mm |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| Temperature Coefficient | ±200 ppm/°C |

## Packaging Features

| | |
|---|---|
| Packaging Method | Loose Piece |

# 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 1879004-2
RSS7 3K9 5% LOOSE



TE Part # 4-1624246-6
RSS3 6K8 5% AMMO PK



TE Part # 1624244-7
RSS1 1K8 5% AMMO PK



TE Part # 3-1624246-6
RSS3 47R 5% AMMO PK



TE Part # 2-1624246-0
RSS3 22R 5% AMMO PK



TE Part # 1624246-9
RSS3 15R 5% AMMO PK



TE Part # 1624244-5
RSS1 3K6 5% AMMO PK



TE Part # 2-1624246-2
RSS3 27K 5% AMMO PK



TE Part # 2-1624246-9
RSS3 390R 5% AMMO PK



TE Part # 1-1624245-7
RSS2 2K2 5% AMMO PK



TE Part # 1-1624246-3
RSS3 1K0 5% AMMO PK



TE Part # 1-1624246-9
RSS3 22K 5% AMMO PK



TE Part # 1624247-1
RSS5 51K 5% LOOSE



TE Part # 1624246-8
RSS3 15K 5% AMMO PK



TE Part # 1-1624246-0
RSS3 180R 5% AMMO PK



TE Part # 3-1624246-2
RSS3 3K3 5% AMMO PK



TE Part # 1624244-6
RSS1 3K3 5% AMMO PK



TE Part # 1624244-4
RSS1 3K9 5% AMMO PK

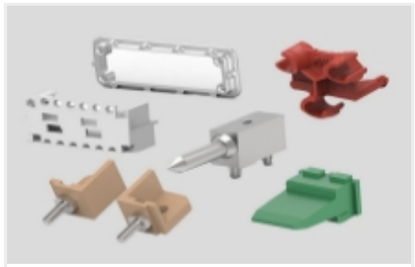


TE Part # 3-1624246-1
RSS3 39R 5% AMMO PK

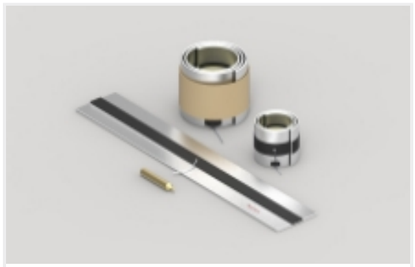


TE Part # 3-1624246-3
RSS3 3K9 5% AMMO PK

## Also in the Series | CGS RSS



Connector Hardware(1)



Duct Seals(4)



Through-Hole Resistors(63)

## Customers Also Bought



TE Part #1-66101-9
III+ SKT,18-16,TIN ,LP



TE Part #206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part #338068-4
MICRO-MATCH FTE, 4P



TE Part #8-1879222-0
CPF 0603 140R 0.1% 25PPM 1K RL



TE Part #2478170-9
15POS, D SUB CABLE, 26AWG, 2.5 FT, M-T-M



TE Part #5406721-2
MJ,RJ45,SM,TGRAY,13"REEL

## Documents

### Product Drawings

RSS7 33K 5% LOOSE

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879004-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879004-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879004-5_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Datasheets & Catalog Pages

### High Voltage Resistors - Type RSS Series - Tyco Electronics Passives

English