CGSSL3R068J ✔ ACTIVE

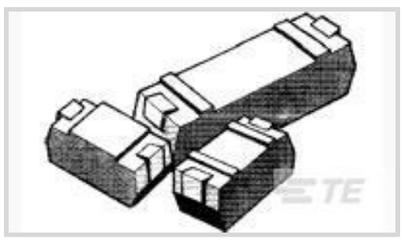
CGS | CGS SMD

TE Internal #: 2-1624250-4

.068 ohm, Foil, Low Ohmic Resistor, 5 %, 3 W, ±100 ppm/°C, Solder, 2 Terminations, 6.48 mm [.255 in] Height, 14.6 mm [.575 in] Length, CGS SMD

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Low Ohmic Resistor**

Element Type: **Foil**

Power Rating: **3 W**

Resistance Value: **.068 Ω**

Resistance Class: **Up to 1kΩ**

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Foil

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	3 W
Resistance Value	.068 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	6.48 mm[.255 in]
Product Length	14.6 mm[.575 in]
Product Width	6.98 mm[.275 in]

Usage Conditions

Temperature Coefficient	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

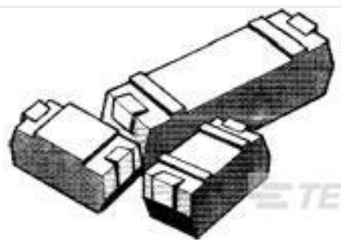
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JUNE 2023 (235) 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	Reflow solder capable to 260°C

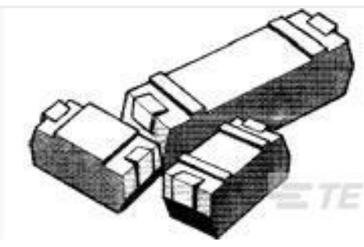
Product Compliance Disclaimer

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

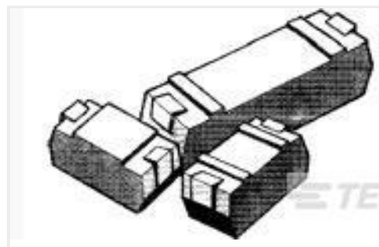
Compatible Parts



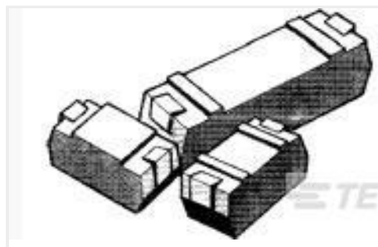
TE Part # 1624253-2
SL1 R01 5% TAPED



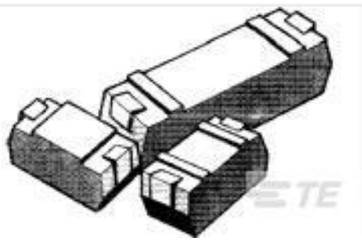
TE Part # 1624256-1
SL1 R033 5% TAPED



TE Part # 1624250-3
CGS SL1 R01 5% TAPED

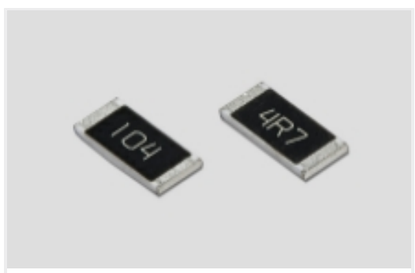


TE Part # 1624262-2
SL1 R068 5% TAPED



TE Part # 1624265-2
SL1 R10 5% TAPED

Also in the Series | CGS SMD



Surface Mount Resistors(34)

Customers Also Bought



TE Part #1-830611-0
LGH 1/2 SNGL MLD END



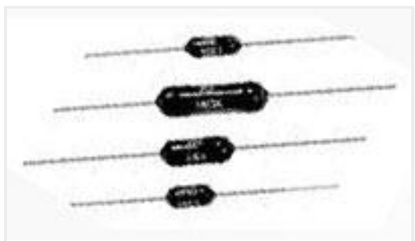
TE Part #9-1625971-5
HSA25 R01 10%



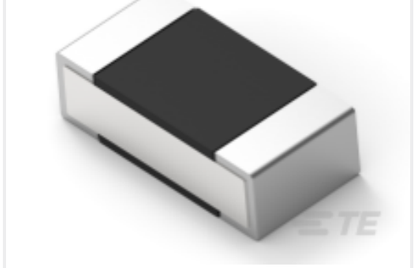
TE Part #1-1879353-9
RR02 5% 24K AMMO



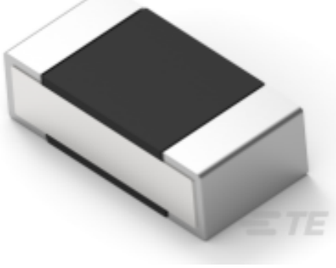
TE Part #7-1879354-5
RR03 5% 390R AMMO



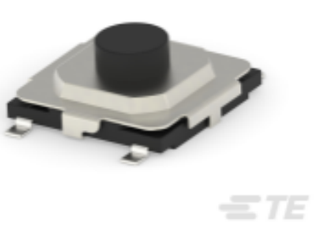
TE Part #7-1879648-1
H4P 287R 0.5% 100PPM



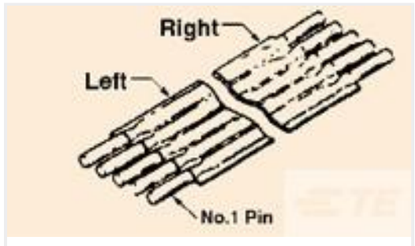
TE Part #7-2176305-3
RP 1E 0.1W 604R 0.1% 25PPM 5K RL



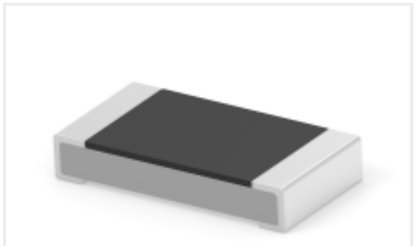
TE Part #3-2176307-2
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



TE Part #2337238-3
TACT MINI GW 5.2X5.2X2 160GF



TE Part #3-1437162-8
FSP-12A-11



TE Part #2-2176392-9
RQ 1206 261K 0.1% 10PPM 5K RL

Documents

Product Drawings

CGS SL3 R068 5% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1624250-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1624250-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1624250-4_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

SMD Precision Current Sense Resistor - Type S Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English