



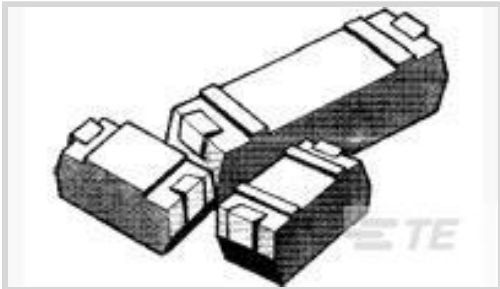
CGS | CGS SMD

TE Internal #: 1624250-3

.01 Ω , Foil, Low Ohmic Resistor, 5 %, 2 Termination, Taped & Reeled, 2 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.48 x 3.81 x 2.84 mm, CGS SMD

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Low Ohmic Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Element Type: **Foil**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Low Ohmic Resistor
Element Type	Foil

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1k Ω
Resistance Value	.01 Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	6.48 x 3.81 x 2.84 mm
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Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Taped & Reeled
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Product Compliance

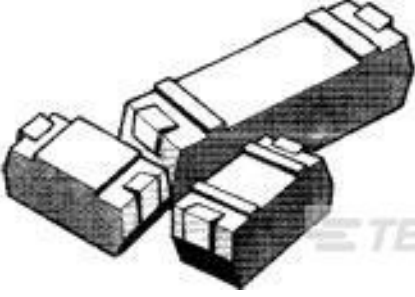
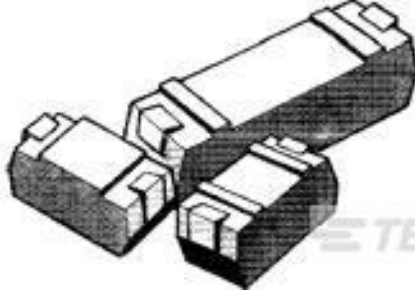
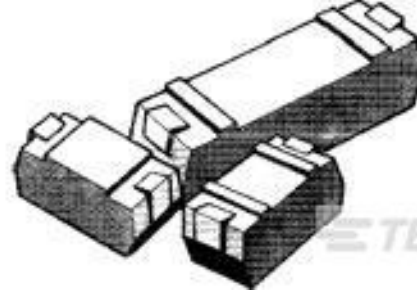
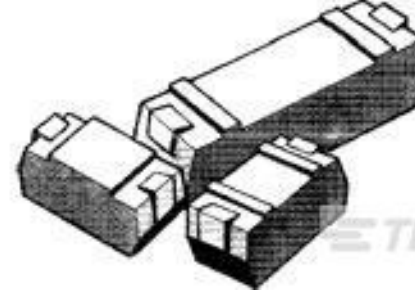
For compliance documentation, visit the product page on TE.com>

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: JUNE 2023 (235) 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	Reflow solder capable to 260°C

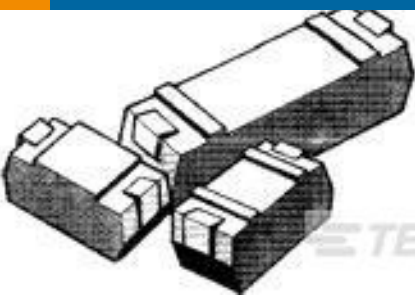
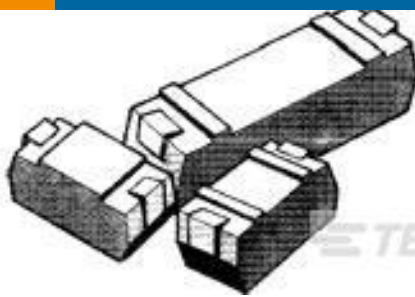
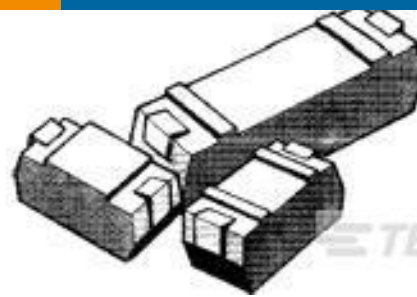
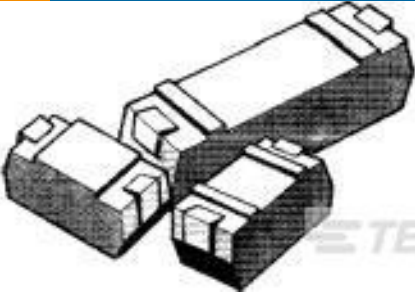
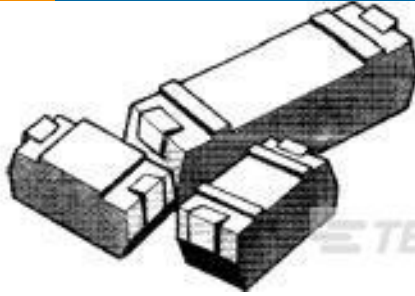
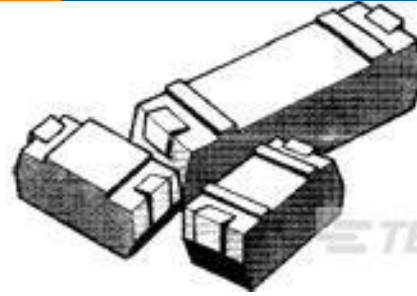
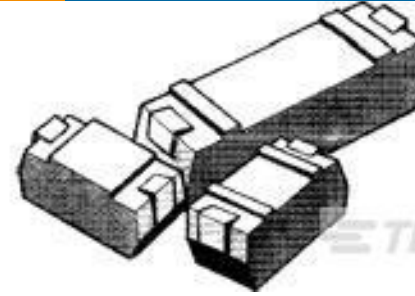
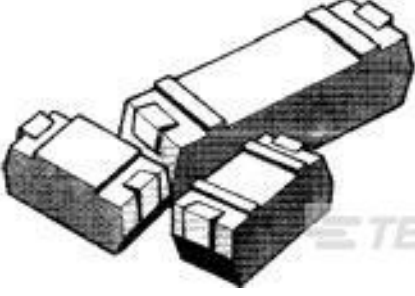
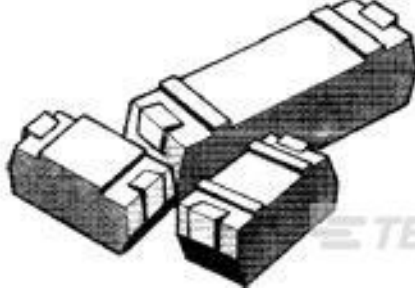
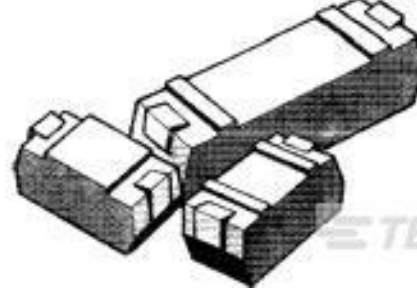
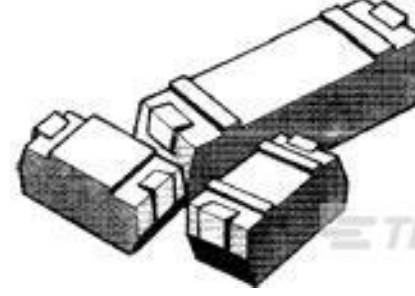
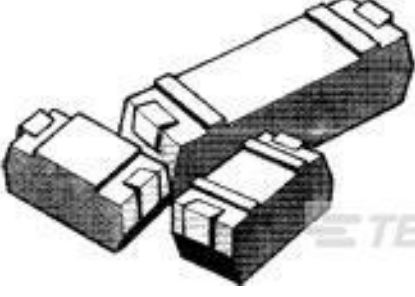
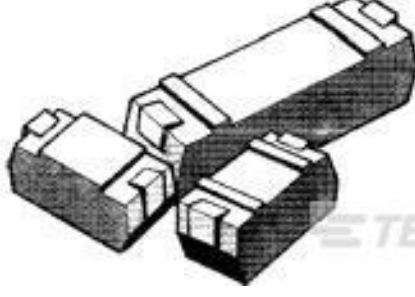
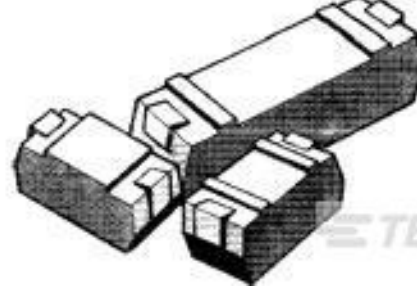
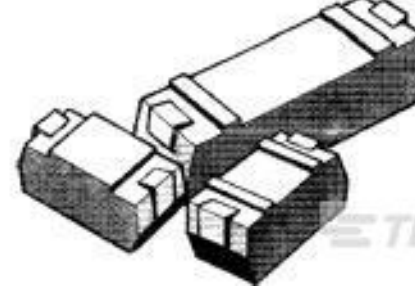
Product Compliance Disclaimer

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>

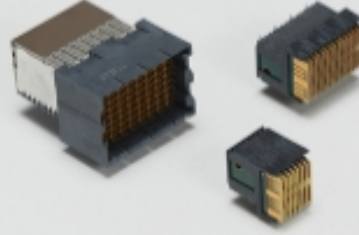
Compatible Parts

 TE Part # 1624250-4 CGS SL1 R022 5% TAPED	 TE Part # 1624256-1 SL1 R033 5% TAPED	 TE Part # 1624250-1 CGS SL1 R005 5% TAPED	 TE Part # 1624250-5 CGS SL1 R033 5% TAPED
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 TE Part # 1624250-7 CGS SL1 R051 5% TAPED	 TE Part # 1624262-2 SL1 R068 5% TAPED	 TE Part # 1-1624250-6 CGS SL2 R068 5% TAPED	 TE Part # 1624253-2 SL1 R01 5% TAPED
 TE Part # 1624254-2 SL1 R022 1% TAPED	 TE Part # 1624260-1 SL1 R05 5% TAPED	 TE Part # 1624265-2 SL1 R10 5% TAPED	 TE Part # 1624250-6 CGS SL1 R047 5% TAPED
 TE Part # 1624250-2 CGS SL1 R015 5% TAPED	 TE Part # 1624250-8 CGS SL1 R068 5% TAPED	 TE Part # 1-1624250-0 CGS SL2 R015 5% TAPED	 TE Part # 1-1624250-1 CGS SL2 R01 5% TAPED
 TE Part # 1-1624250-2 CGS SL2 R022 5% TAPED	 TE Part # 1-1624250-3 CGS SL2 R033 5% TAPED	 TE Part # 1-1624250-4 CGS SL2 R047 5% TAPED	 TE Part # 1-1624250-5 CGS SL2 R051 5% TAPED

Also in the Series | CGS SMD

 High Speed Backplane Connectors(1)	 Surface Mount Resistors(35)
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Customers Also Bought



TE Part #CB03334007
RW-200-E-1/4-0-SP



TE Part #1577616-1
TERMINAL, PEEK PIDG STRATO, 24-22AWG



TE Part #ZPF000000000003592
724-0001-20



TE Part #PF0000313
P061PT100C_ 4.0X_40 __X 2N26S



TE Part #PF0000629
P012PT500B_ 10.X_75 _____ 2N



TE Part #PF0001511
P011PT500B_ 8.0X_70 _____ 2N



TE Part #PF0002215
P011PT500B_ 8.0X_65 _____ 2N



TE Part #PF0002246
P011PT500B_ 8.0X_65 _____ 2N



TE Part #SPV00203
SPV1PT100B_ 2.0X_10 __X__ 2N



TE Part #SPV00294
SPV1PT100B_ 2.0X_10 __X__ 2N

Documents

Product Drawings
CGS SL1 R01 5% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624250-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624250-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624250-3_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