



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: .005 Ω

Resistor Type: **Low Ohmic Resistor**

Element Type: **Foil**

Power Rating: **4 W**

Resistance Class: **Up to 1kΩ**

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Foil

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Value	.005 Ω
Power Rating	4 W
Resistance Class	Up to 1kΩ
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	18 x 6.4 x 6.4 mm
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Usage Conditions

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Operating Temperature Range	-55 – 250 °C
Temperature Coefficient	±950 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box
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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 # 1-1623819-1
SBL4 R033 5%

TE Part # 1-1623819-2
SBL4 R047 5%

TE Part # 2-1623819-0
SBL5 R051 5%

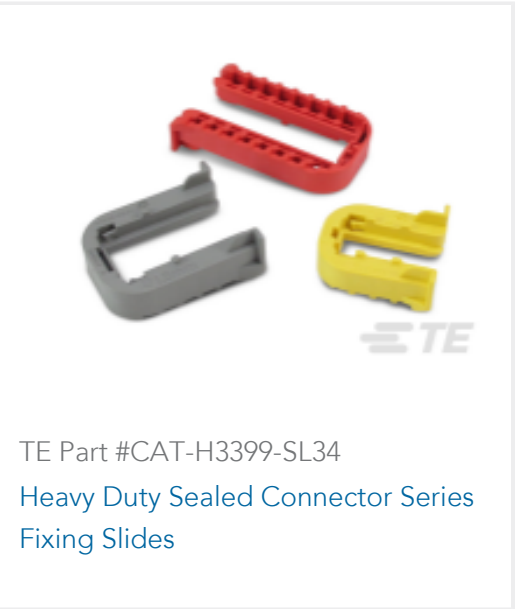
TE Part # 1623819-9
SBL4 R022 5%



Also in the Series | CGS SBL



Customers Also Bought



Documents

Product Drawings

SBL4 R005 5%

English

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

SBL4R005J

.005 ohm, Through-Hole Low Ohmic Resistor, Foil, 4 W, 5 %, ±950 ppm/°C, Axial-Leaded, Copper Termination, 18 x 6.4 x 6.4 mm, CGS SBL



1309350_PASSIVE_COMPONENT

English

Low Ohmic - Current Sense Resistors - Type SBL Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English