



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Low Ohmic Resistor**
Passive Component Dimensions: **18 x 6.4 x 6.4 mm**
Number of Terminations: **2**
Packaging Method: **Loose Piece - Box**
Passive Component Tolerance: **5 %**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1k Ω
Resistance Value	.015 Ω
Power Rating	4 W

Body Features

Passive Component Lead Type	Axial-Leaded
-----------------------------	--------------

Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	18 x 6.4 x 6.4 mm
------------------------------	-------------------



Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±280 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box
------------------	-------------------

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	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

SBL4R015J

.015 Ω , Foil, Low Ohmic Resistor, 5 %, 18 x 6.4 x 6.4 mm, 2 Termination, Loose Piece - Box, 4 W, ± 280 ppm/ $^{\circ}\text{C}$, Tinned Copper Leads Termination, CGS SBL



TE Part # 1623819-9
SBL4 R022 5%

TE Part # 1623819-7
SBL4 R01 5%

TE Part # 1-1623819-1
SBL4 R033 5%

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

TE Part # 1-1623819-4
SBL4 R051 5%

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

Also in the Series | CGS SBL

Through-Hole Resistors(17)

Customers Also Bought

TE Part #6-1393238-9
RTD14048

TE Part #1-1623773-5
C10 220R 5% (LOOSE)

TE Part #8-1879512-5
CRGH0805 1% 1M0 0.33W

TE Part #5-1393144-9
K10P-11D15-48=K10/K20

TE Part #6-1437624-7
PKG70B1/4=KNOB PLASTIC BLK LEX

TE Part #DT04-6P-P021
REC, 6P, GRY, BUSBAR 1X6, NICKEL

TE Part #282189-2
SPLASH PROOF CONN. W.S.L.

TE Part #K1060657
Battery Disconnecter 35-553



Documents

Product Drawings

SBL4 R015 5%

English

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

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

Product Environmental Compliance

TE Material Declaration

English