TE80BR18J ✔ ACTIVE

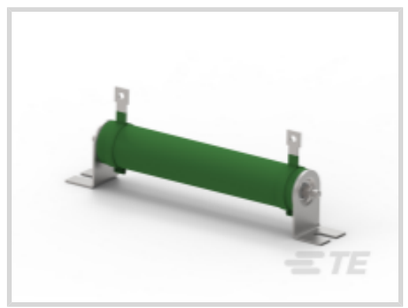
CGS | CGS TE

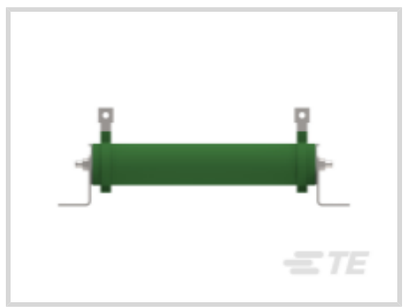
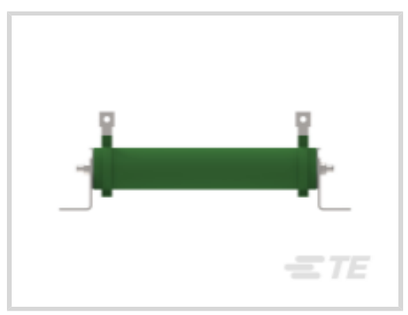
TE Internal #: 4-1879443-5

Power Resistor, .18 Ω, 80 W, Wire Wound, 2 Termination, ±400 ppm /°C, 5 %, Mounting Terminals Termination, Box, 1 Resistor, CGS TE

View on TE.com >

Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **.18 Ω**

Power Rating: **80 W**

Element Type: **Wire Wound**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	.18 Ω
Power Rating	80 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Mounting Terminals

Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets

Dimensions

Product Height	61 mm[2.402 in]
Product Length	196 mm[7.717 in]
Product Width	28 mm[1.102 in]

Usage Conditions

Operating Temperature Range	-55 - 155 °C
Temperature Coefficient	±400 ppm/°C

Packaging Features

Packaging Method	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: JAN 2024 (240) 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	Not applicable for solder process capability

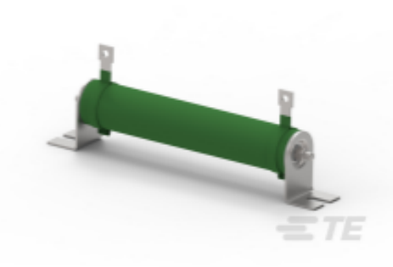
Product Compliance Disclaimer

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 # 4-1879443-4
TE 80W R15 5% Bracket



TE Part # 4-1879443-6
TE 80W R22 5% Bracket

Also in the Series | CGS TE

Chassis Mount Resistors(750)

RJ11 Connectors(1)

RJ14 Connectors(4)

RJ22 Connectors(5)



RJ25 Connectors(4)



RJ45 Connectors(30)

Customers Also Bought

TE Part # 4-1879443-2
TE 80W R10 5% Bracket

TE Part # 4-1879443-3
TE 80W R12 5% Bracket

TE Part # 4-1879443-6
TE 80W R22 5% Bracket

TE Part # 4-1879443-9
TE 80W R39 5% Bracket



TE Part # 5-1879443-0
TE 80W R47 5% Bracket



TE Part # 5-1879443-1
TE 80W R56 5% Bracket

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1879443-5_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1879443-5_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1879443-5_BB.3d_stp.zip

English

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

Datasheets & Catalog Pages

High Power Wire wound Resistor Type TE Series

English