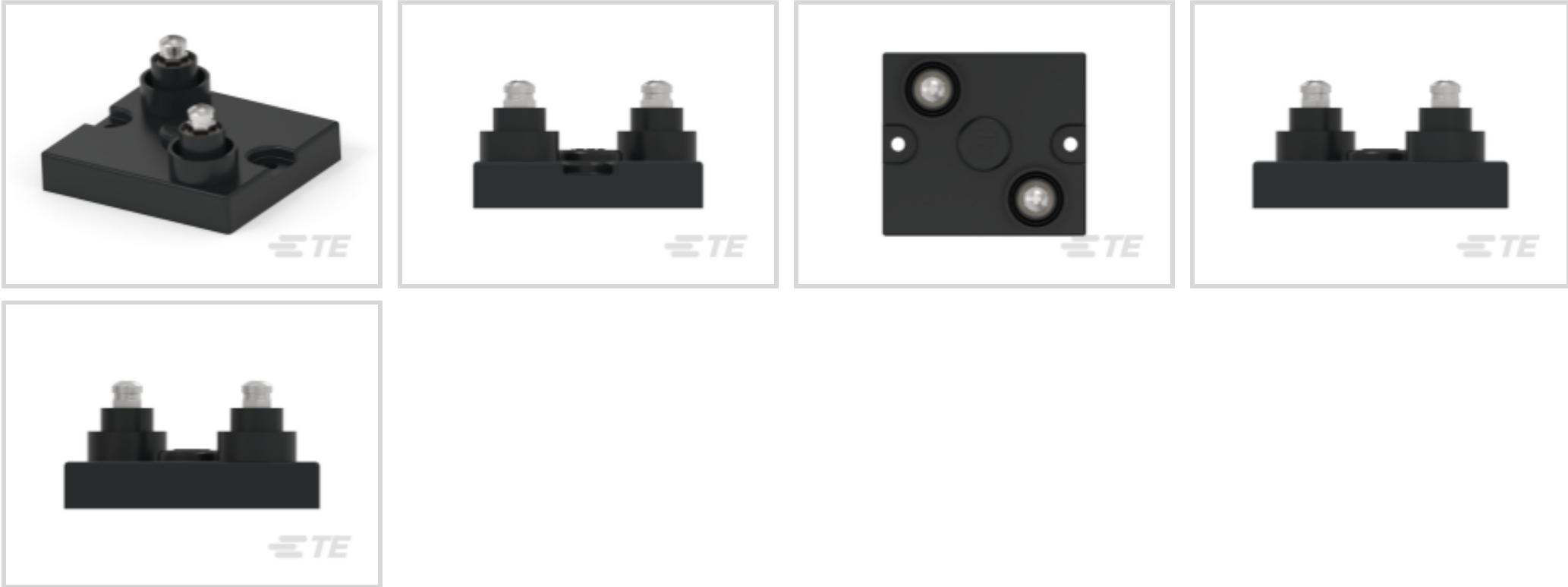




Passive Components > Resistors > Chassis Mount Resistors > Resistor Power BDS2A – High Power



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **2.2 Ω**

Power Rating: **250 W**

Element Type: **Thick Film**

[All Resistor Power BDS2A – High Power \(108\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	2.2 Ω
Power Rating	250 W
Passive Component Tolerance	10 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Screw Terminals

Mechanical Attachment



Panel Mount Feature Type	Flange with Mounting Holes
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Dimensions

Product Height	36 mm[1.417 in]
Product Length	67 mm[2.638 in]
Product Width	60.25 mm[2.372 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C
Temperature Coefficient	±150 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Tray
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	Not Yet Reviewed for halogen content
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 # 2-1614770-2  
BDS 2 A 250 3R3 10%

TE Part # CAT-C339-B349  
Resistor Power BDS2A100

Also in the Series | CGS BDS

Chassis Mount Resistors(150)

Customers Also Bought

TE Part #737015-3  
PL TERMINAL RECEPTACLE 4-6 MM2  
PTPBR

TE Part #160773-4  
PL LP RECEPTACLE 0.5-1.5 MM2  
TPPHBZ

TE Part #1614892-6  
CPF 0805 866R 0.1% 25PPM 1K RL

TE Part #7-2213766-5  
AV19 DPL 3A POWER LED GREEN 24V

TE Part #2015699-1  
RF CA,UMCC GEN1-GEN1,0.81MM  
CABLE,L100MM

TE Part #935335-000  
362A114-100-0

TE Part #4-1614890-7  
CPF 0805 17R8 0.1% 25PPM 1K RL

TE Part #594623-000  
462A034-100-0

TE Part #T4145015051-001  
M12 R/A F PNLREAR STAMPED PIN A-  
CODE 5P

TE Part #6-1614891-2  
CPF 0805 316R 0.1% 25PPM 1K RL



Documents

Product Drawings

BDS 2 A 250 2R2 10%

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1614770-8\_S.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1614770-8\_S.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1614770-8\_S.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

4-1773460-6\_RESISTIVE\_SOLUTIONS\_RAIL

English

1309350\_PASSIVE\_COMPONENT

English

Thick Film Power Resistors - Type BDS250/400 Series

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English