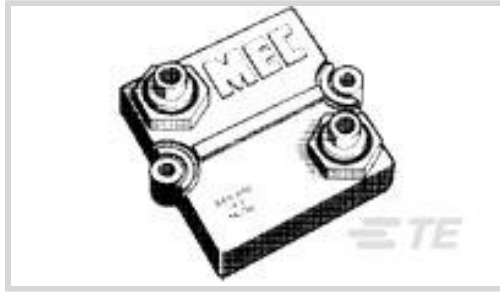




Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Dimensions: **38 x 25.5 x 21 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Tolerance: **10%**

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Tolerance	10%
Resistance Class	Up to 1k $\Omega$
Resistance	220 $\Omega$
Power Rating	100 W

### Body Features

Lead Type	Fixed Leaded
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### Termination Features

Number of Terminations	2
Termination Type	Screw Terminals

### Mechanical Attachment

Mount Style	Chassis Mount
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### Dimensions

Dimensions	38 x 25.5 x 21 mm
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### 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	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 2020 (205) Candidate List Declared Against: JUN 2015 (163) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2015 (163)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



TE Model / Part # 1-1614782-1  
BDS 2 A 100 2R2 10%

TE Model / Part # 1614782-9  
BDS 2 A 100 22R 10%

TE Model / Part # 1-1614782-2  
BDS 2 A 100 33R 10%

TE Model / Part # 1614782-4  
BDS 2 A 100 150R 10%

TE Model / Part # 2-1614770-2  
BDS 2 A 250 3R3 10%

### Also in the Series | CGS BDS

Chassis Mount Resistors(69)

### Customers Also Bought

TE Model / Part #5-1879354-0  
RR03 5% 36R AMMO

TE Model / Part #2-165565-1  
2,8 PIDG FASTON REC

TE Model / Part #1614782-1  
BDS 2 A 100 100R 10%

TE Model / Part #1-1614782-4  
BDS 2 A 100 470R 10%

TE Model / Part #NB-PTCO-152  
PTFD101T1A0:PT100,2.0X5.0,T

TE Model / Part #1623746-9  
ER74 180R 5% AMMO PK

TE Model / Part #2829093001  
44A0211-12-1

TE Model / Part #1614782-4  
BDS 2 A 100 150R 10%



## Documents

### Product Drawings

[BDS 2 A 100 220R 10%](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1614782-8\\_J.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1614782-8\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1614782-8\\_J.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English

[Thick Film Power Resistors - Type BDS100 Series](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English