BDS2A250500KK ✔ ACTIVE

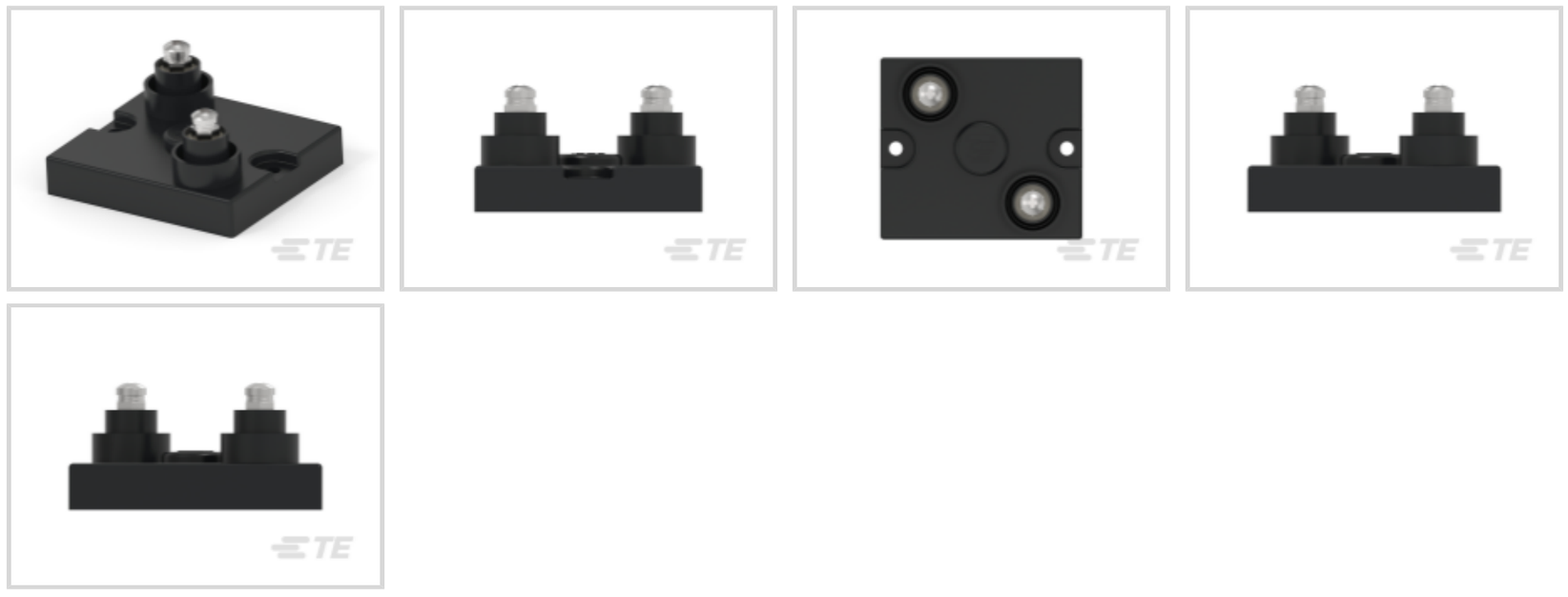
CGS | CGS BDS

TE Internal #: 7-1614770-2

500K ohm, Thick Film, 10 %, Power Resistor, 250 W, 2 Terminations, ±150 ppm/°C, Screw Terminals, Loose Piece - Box, 36 mm [1.417 in] Height, CGS BDS

View on TE.com >

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



Resistor Type: **Power Resistor**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **500K 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

Electrical Characteristics

Resistance Class	1kΩ – 1MΩ
Resistance Value	500K 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

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[-67 – 257 °F]
Temperature Coefficient	±150 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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (33.3% in component part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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)

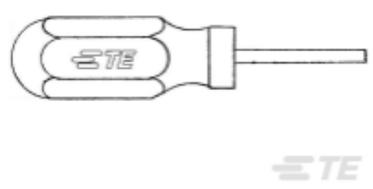
Customers Also Bought



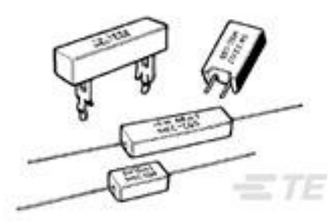
TE Part #T4151210004-003
RPC-M12-MR-4CON-PVC-1.5



TE Part #3-644488-3
13P MTA100 SHRD HDR F/L R/A SN



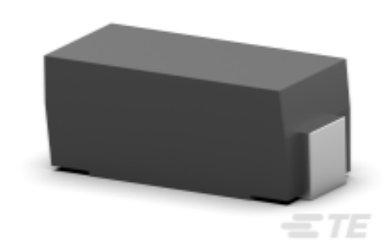
TE Part #720788-8
EXTRCTION TOOL FOR MINI SPRING



TE Part #1623804-3
SQZ10 3R9 5% WIRE



TE Part #9-2176414-1
7W STD M/OX 5% 110K



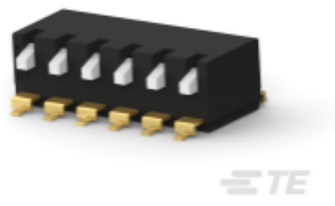
TE Part #7-2176460-2
SMF 7W 1M0 5% Taped



TE Part #2307725-8
8P,2MM,B-B,REC,SRHZ,SMD,0.1AU,TR



TE Part #CAT-P851-T1
PCB Power Relay: 30 amp, Monostable DC



TE Part #1-2319764-3
E STACK PIANO 6P G LONG TUBE PD OFF

Documents

Product Drawings

BDS 2A 250 500K 10%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1614770-2_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1614770-2_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1614770-2_S.3d_stp.zip

English

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

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English