



CGS | CGS TE

TE Internal #: 1879457-3

1.5 ohm, Wire Wound, 5 %, Power Resistor, 2500 W, 2 Terminations, ±440 ppm/°C, Solder Lug, Loose Piece - Box, 119 mm [4.685 in]

Height, CGS TE

[View on TE.com >](#)

Passive Components > Resistors > Chassis Mount Resistors > Wirewound Resistor: Mineral, 2.5 Kw



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **1.5 Ω**

Power Rating: **2500 W**

Element Type: **Wire Wound**

[All Wirewound Resistor: Mineral, 2.5 Kw \(607\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	2500 V
Resistance Class	Up to 1kΩ
Resistance Value	1.5 Ω
Power Rating	2500 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets
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Dimensions

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Product Height	119 mm[4.685 in]
Product Length	650 mm[25.591 in]
Product Width	60 mm[2.362 in]

Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C[-67 – 311 $^{\circ}$ F]
Temperature Coefficient	± 440 ppm/ $^{\circ}$ C

Packaging Features

Packaging Method	Loose Piece - Box
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 4-1879457-2
TE 2500W 22R 5% NO BRACKET



TE Part # CAT-C339-T2201
Wirewound Resistor: Mineral, 2.5 Kw

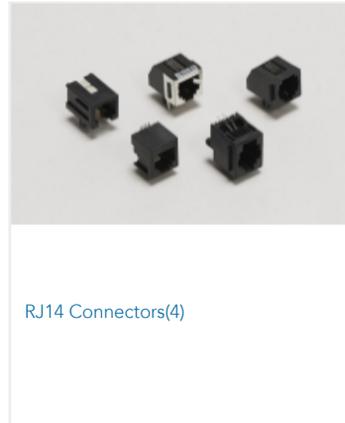
Also in the Series | CGS TE



Chassis Mount Resistors(667)



RJ11 Connectors(1)



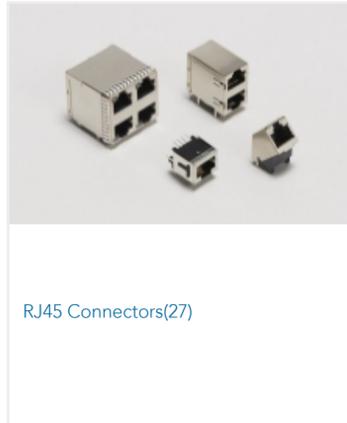
RJ14 Connectors(4)



RJ22 Connectors(2)



RJ25 Connectors(4)



RJ45 Connectors(27)

Customers Also Bought



TE Part #8-52936-1
TERMINAL,PIDG SPR SPD 16-14 8



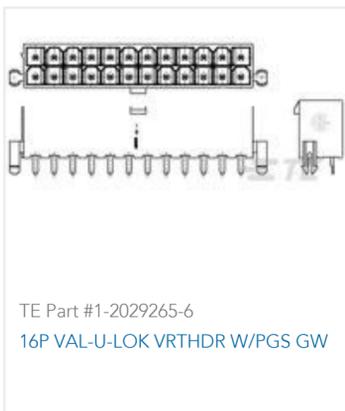
TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #1586841-1
VAL-U-LOK SKT 16AWG BR SN LP



TE Part #1879457-1
TE 2500W 1R0 5% Bracket



TE Part #1-2029265-6
16P VAL-U-LOK VRTHDR W/PGS GW



TE Part #CAT-P23-ECK
High Voltage DC Contactors,
hermetically sealed, ceramic
technology



TE Part #4-2176330-2
CRGP 2010 27K 1%



TE Part #1-2176331-9
CRGP 2512 330R 1%



Documents

Product Drawings

[TE 2500W 1R5 5% Bracket](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1879457-3_BB1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1879457-3_BB1.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1879457-3_BB1.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[High Power Wire wound Resistor Type TE Series](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English