



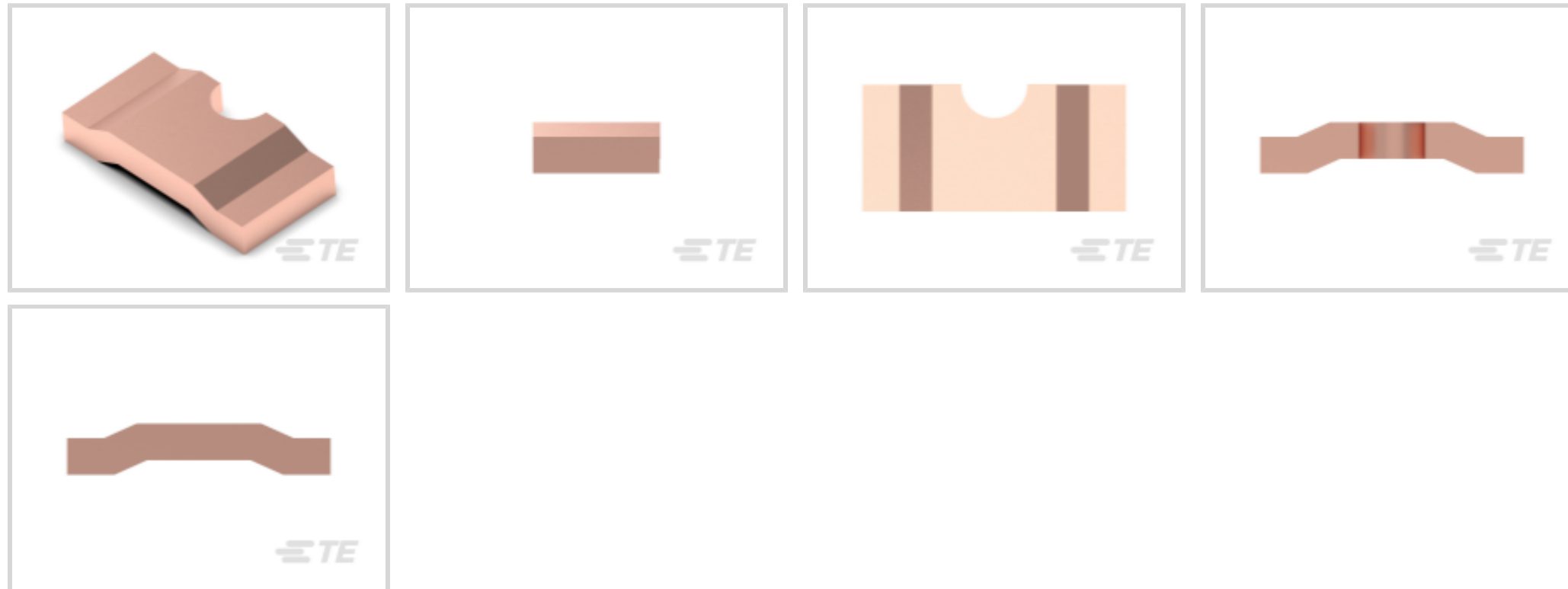
CGS | CGS TLR

TE Internal #: 2176077-1

CGS TLR, Surface Mount Resistors, Low Ohmic Resistor, 2 Terminations, Size Code 1575, Taped & Reeled, 1%, Metal Strip, Resistance Range Up to 1kΩ Ω

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Low Ohmic Resistor**

Number of Terminations: **2**

Size Code: **1575**

Packaging Method: **Taped & Reeled**

Tolerance: **1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Low Ohmic Resistor
Size Code	1575
Element Type	Metal Strip

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Tolerance	1%
Resistance Range	Up to 1kΩ Ω
Resistance	.0005 Ω
Power Rating	6 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions

Dimensions	15.2 x 7.5 x 1.06 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled
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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	ECHAによる現在の候補リスト: 2020年1月(205) 候補リストの表記: 2020年1月(205) REACH SVHCを含まない
EU REACH Regulation (EC) No. 1907/2006	ECHAによる現在の候補リスト: 2020年1月(205) 候補リストの表記: 2020年1月(205)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2176117-3
TLR 1206 1.0W R001 1% 50PPM 2K RL



TE Model / Part # 2176117-4
TLR 1206 1.0W R002 1% 50PPM 2K RL



TE Model / Part # 2176117-5
TLR 1206 1.0W R003 1% 50PPM 2K RL



TE Model / Part # 2176117-6
TLR 1206 1.0W R004 1% 50PPM 2K RL



TE Model / Part # 2176117-7
TLR 1206 1.0W R006 1% 50PPM 2K RL



TE Model / Part # 2176117-8
TLR 1206 1.0W R007 1% 50PPM 2K RL



TE Model / Part # 2176117-9
TLR 1206 1.0W R008 1% 50PPM 2K RL



TE Model / Part # 2176168-2
TLR 2010 1.5W R002 1% 50PPM 2K RL



TE Model / Part # 2176168-5
TLR 2010 1.5W R005 1% 50PPM 2K RL



TE Model / Part # 2176168-6
TLR 2010 1.5W R006 1% 50PPM 2K RL



TE Model / Part # 1-2176168-0
TLR 2010 1.5W R010 1% 50PPM 2K RL



TE Model / Part # 2-1879378-6
TLR 2512 1.0W R0005 1% 50PPM 2K RL



TE Model / Part # 2-1879378-8
TLR 2512 1.0W R001 1% 50PPM 2K RL



TE Model / Part # 3-1879378-0
TLR 2512 1.0W R002 1% 50PPM 2K RL



TE Model / Part # 3-1879378-3
TLR 2512 1.0W R004 1% 100PPM 2K RL



TE Model / Part # 3-1879378-4
TLR 2512 1.0W R005 1% 100PPM 2K RL



TE Model / Part # 3-1879378-1
TLR 2512 1.0W R0025 1% 150PPM 2K RL



TE Model / Part # 3-1879378-2
TLR 2512 1.0W R003 1% 150PPM 2K RL



TE Model / Part # 1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RL



TE Model / Part # 1-1879378-0
TLR 2512 2.0W R0015 1% 50PPM 2K RL

Also in the Series | CGS TLR



Surface Mount Resistors(50)

Customers Also Bought



TE Model / Part #7-1623933-4
CFR50 5% 8M2



TE Model / Part #2176076-2
TLRS1050 4.0W R001 1% 60PPM 3K RL



TE Model / Part #2176077-3
TLRS1575 4.0W R002 1% 100PPM 2KRL




TE Model / Part #2176077-2
TLRS1575 6.0W R001 1% 100PPM 2KRL



TE Model / Part #1-1393480-7
V23529B1121B209-SUB D FEDERLEI



TE Model / Part #1-1825138-8
A201SD9AV2Q04



TE Model / Part #1623895-5
416X 200R



TE Model / Part #1622473-7
LR1 1% 40R2



TE Model / Part #1-1622561-0
LR1 1% 732R



TE Model / Part #1624032-1
SC30-10-2547-10 680UH AMMO 1000



Documents

Product Drawings

[TLRS1575 6.0W R0005 1% 100PPM 2KRL](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2176077-1_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176077-1_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176077-1_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Surface Mount Shunt Resistor - Type TLRS series](#)

English