TLRS105025ER004FTDG ✔ ACTIVE

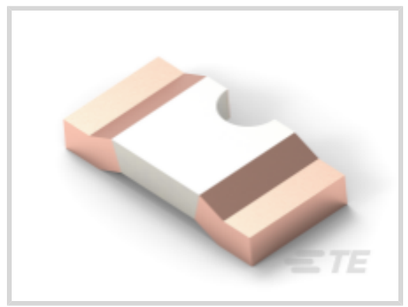
CGS | CGS TLR

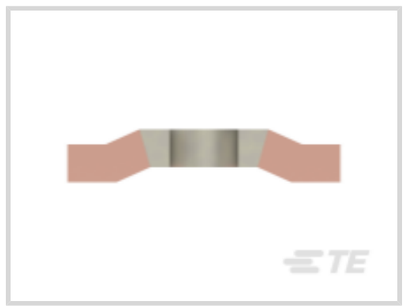
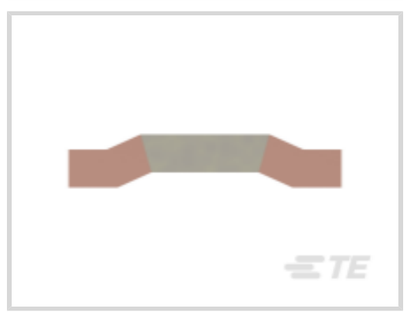
TE Internal #: 2176076-5

CGS TLR, Surface Mount Resistors, Low Ohmic Resistor, 2 Terminations, Size Code 1050, 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: **1050**

Packaging Method: **Taped & Reeled**

Tolerance: **1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Low Ohmic Resistor
Size Code	1050
Element Type	Metal Strip

Configuration Features

Number of Resistors	1

Electrical Characteristics

Tolerance	1%
Resistance Range	Up to 1kΩ Ω
Resistance	.004 Ω
Power Rating	2.5 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount

Dimensions

Dimensions	10.5 x 5 x .82 mm

Usage Conditions

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

Packaging Features

Packaging Method	Taped & Reeled

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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

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



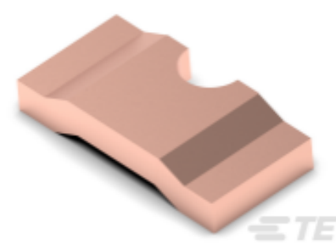
TE Model / Part # 1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RL



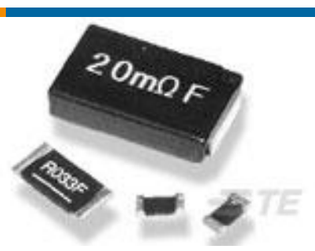
TE Model / Part # 1-1879378-2
TLR 2512 2.0W R003 1% 150PPM 2K RL



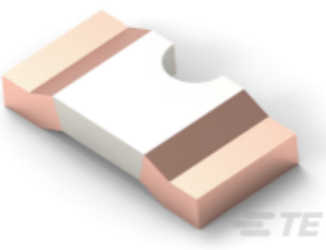
TE Model / Part # 2-1879378-4
TLR 2512 3.0W R002 1% 50PPM 2K RL



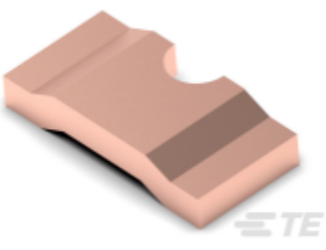
TE Model / Part # 2176077-1
TLRS1575 6.0W R0005 1% 100PPM 2KRL



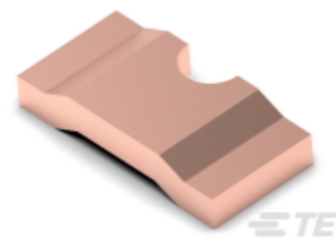
TE Model / Part # 2176117-4
TLR 1206 1.0W R002 1% 50PPM 2K RL



TE Model / Part # 2176076-8
TLRS1050 2.0W R005 1% 100PPM 3K RL

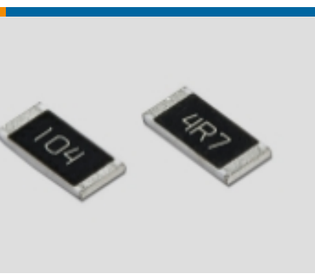


TE Model / Part # 2176076-6
TLRS1050 5.0W R0002 1% 75PPM 3K RL



TE Model / Part # 2176076-7
TLRS1050 5.0W R0003 1% 75PPM 3K RL

Also in the Series | CGS TLR



Surface Mount Resistors(50)

Customers Also Bought



TE Model / Part #2176076-4
TLRS1050 3.0W R003 1% 100PPM 3K RL



TE Model / Part #2176076-3
TLRS1050 4.0W R002 1% 100PPM 3K RL



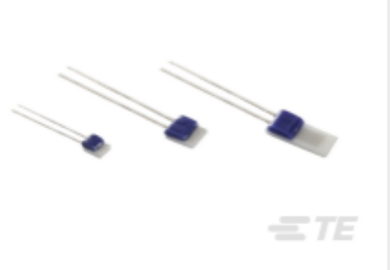
TE Model / Part #2176077-3
TLRS1575 4.0W R002 1% 100PPM 2KRL



TE Model / Part #532436-2
HDI PIN ASSY 4 ROW 120 POS



TE Model / Part # T4112412051-000
M12 F, 5P GOLD B_CODE RA SHIELDED PG9



TE Model / Part #NB-PTCO-126
PTFD102B1G0:PT1000,2.0 X5.0,B



TE Model / Part #1676915-8
YR1 0.1% 732R



TE Model / Part # 1SNK705062R0000
ZK2.5-RD



TE Model / Part #7-1437719-5
T01-0570-S07-FEMALE REC PANEL-PCB STRT

Documents

Product Drawings

TLRS1050 2.5W R004 1% 100PPM 3K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176076-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176076-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176076-5_BA.3d_stp.zip

English

Datasheets & Catalog Pages

Surface Mount Shunt Resistor - Type TLRS series

English