



CGS | CGS 3522

TE Internal #: 8-2176230-2

4.7M Ω , Thick Film, Power Resistor, 5 %, 2 Termination, 2512,
Taped & Reeled, 3 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm,
CGS 3522

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**
Number of Terminations: **2**
Package Size Code: **2512**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Package Size Code	2512
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	1M Ω – 1G Ω
Resistance Value	4.7M Ω
Power Rating	3 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Dimensions

Passive Component Dimensions	6.35 x 3.2 x .55 mm
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Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Taped & Reeled
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Product Compliance

For compliance documentation, visit the product page on TE.com>

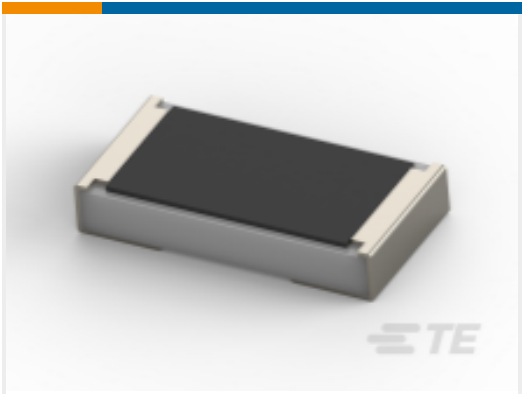
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) 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	Reflow solder capable to 260 $^{\circ}\text{C}$

Product Compliance Disclaimer

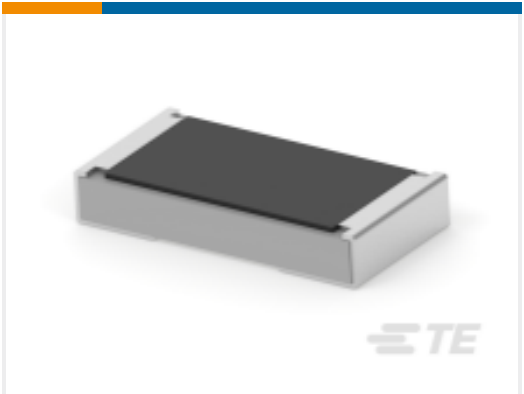
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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



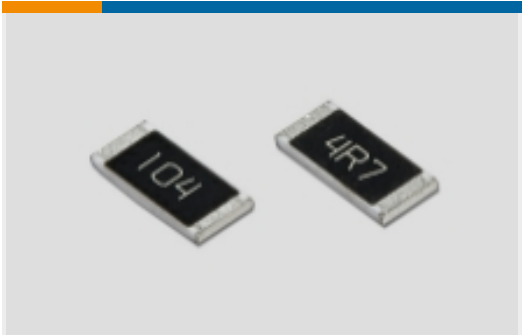


TE Part # CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



TE Part # 4-2176230-2
3522 2K2 5% 3W

Also in the Series | CGS 3522



Surface Mount Resistors(211)

Customers Also Bought



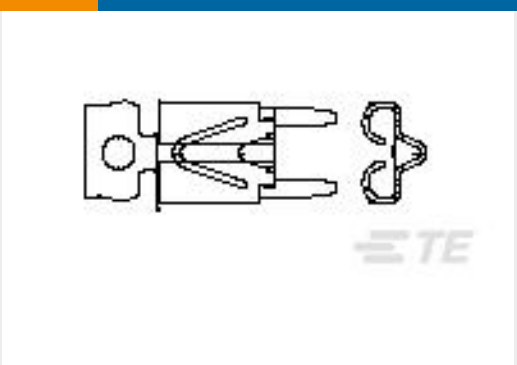
TE Part #3-644563-6
06P MTA100 CONN ASSY F/T 24AWG



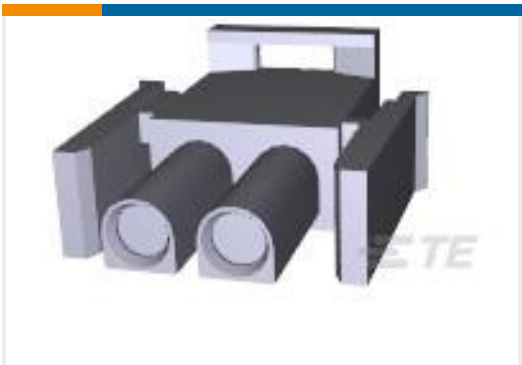
TE Part #8880530001
HT-SCE-1/8-2.0-S1-9



TE Part #172157-1
2CIR MINI U-M-N-L CAP NATL



TE Part #63968-1
FASTON 205/250 LIF PCB MOUNTED TPBR



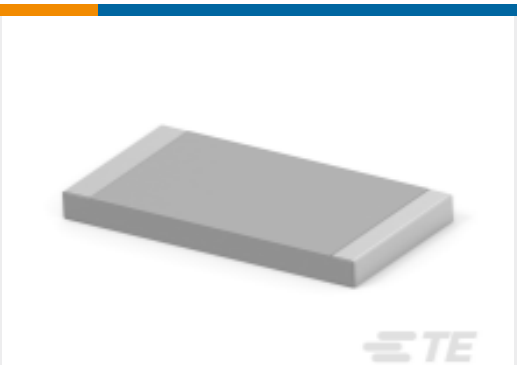
TE Part #350848-2
02P UMNL PLUG TEST ASSY 94VO



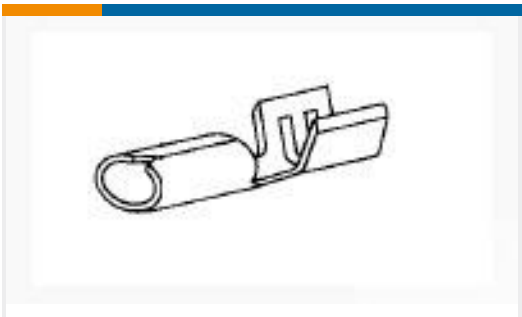
TE Part #794407-4
MINI UNML SCKT 20-16 AWG SN



TE Part #1622298-1
LR1 1% 10K



TE Part #3-2176331-8
CRGP 2512 12K 1%



TE Part #62352-1
50 FASTON TAB 24-20 AWG TPBZ



TE Part #F94297-000
CI-E243-01VGPZPZ



Documents

Product Drawings

3522 4M7 5% 3W

English

CAD Files

Customer View Model

ENG_CVM_CVM_8-2176230-2_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_8-2176230-2_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-2176230-2_BA.3d_igs.zip

English

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

Datasheets & Catalog Pages

SMD POWER RESISTORS - TYPE 3522 SERIES

English