



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 3 Watt, 5% Tol



Resistance Value: 100 Ω

Resistor Type: Power Resistor

Element Type: Thick Film

Package Size Code: 2512

Power Rating: 3 W

[All SMD Power Resistor: 3 Watt, 5% Tol \(67\)](#)

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	250 V
Resistance Value	100 Ω
Power Rating	3 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

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Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	1.1 mm[.043 in]
Product Length	6.35 mm[.25 in]
Product Width	3.2 mm[.126 in]

Usage Conditions

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

Packaging Features

Packaging Method	Taped & Reeled
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Compatible Parts

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

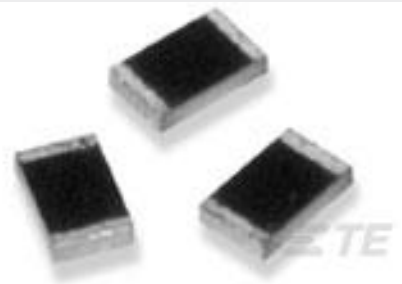
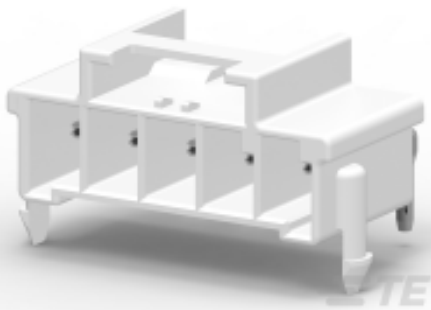
TE Part # CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol

Also in the Series | CGS 3522

Surface Mount Resistors(211)

Customers Also Bought



 TE Part #8-1879273-2 RP 2A 1K0 0.1% 15PPM CUT LENGTH	 TE Part #2-2176246-7 CRGS2512 5% 150R	 TE Part #521384-4 ASSY PL R/A RAST5 HEADER 04-A	 TE Part #5-1879137-4 RN 0603 499R 0.1% 10PPM 5K RL
 TE Part #3-1879207-0 RN 0603 4K7 0.1% 10PPM 1K RL	 TE Part #4-2176251-2 CRGS2010 5% 2K7	 TE Part #1-2176246-3 CRGS2512 5% 10R	 TE Part #2-2176230-5 3522 82R 5% 3W
 TE Part #2-1879138-9 RN 0603 3K16 0.1% 10PPM 5K RL	 TE Part #1969694-5 PTL 1X5 PCB HEADER R/A STDTEMP KEY A NAT		

Documents

Product Drawings

3522 100R 5% 3W

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-2176230-6_BA.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176230-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176230-6_BA.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

3522100RJT

100 ohm, Surface Mount Power Resistor, Thick Film, 2512, 3 W, 5 %, ± 100 ppm/ $^{\circ}$ C, Solder, 2 Terminations, 1.1 mm [.043 in] Height, CGS 3522



SMD POWER RESISTORS - TYPE 3522 SERIES

English