3430H2F27RTDF ✔ ACTIVE

CGS | CGS 3430

TE Internal #: 3-2176562-6

27 ohm, Surface Mount Power Resistor, Thick Film, 1020, 2 W, 1 %, ±100 ppm/°C, Solder, 2 Terminations, .6 mm [.024 in] Height, CGS 3430

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **27 Ω**

Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **1020**

Power Rating: **2 W**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film
Package Size Code	1020

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	200 V
Resistance Value	27 Ω
Power Rating	2 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.6 mm[.024 in]
Product Length	2.45 mm[.096 in]
Product Width	5 mm[.197 in]

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 with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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°C

Product Compliance Disclaimer

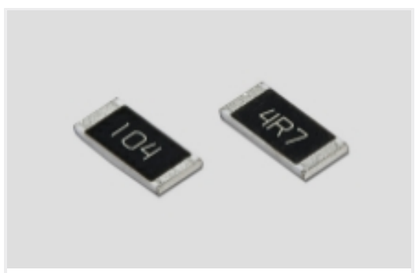
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



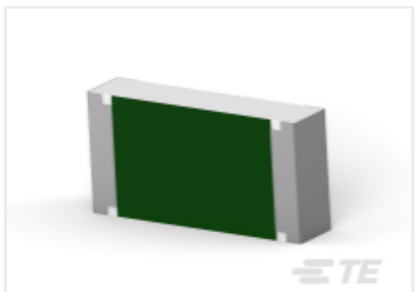
TE Part # 3-2176560-6
3430 H2 1% 27R 100ppm 4k RL

Also in the Series | CGS 3430



Surface Mount Resistors(1168)

Customers Also Bought



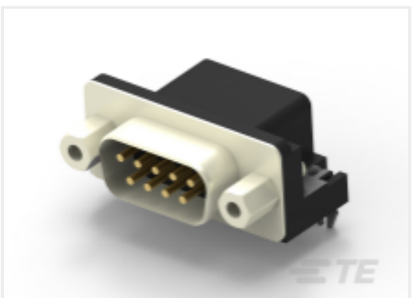
TE Part #1-2176397-0
3502 2R4 1%



TE Part #5747842-3
25 MSFL PLUG RA 318 (IN,FM,BL)



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK



TE Part #ZPF000000000204569
732-8254-23



TE Part #4-2176070-8
3521 910R 1% 2W



TE Part #1623929-2
CFR200 5% 100R



TE Part #1-2176397-1
3502 2R7 1%



TE Part #292304-1
STD USB TYPE B, R/A, T/H

Documents

Product Drawings

3430 H2 1% 27R 100ppm 1k RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-2176562-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176562-6_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_3-2176562-6_BA.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

Datasheet - CGS 3430 Series

English

Automotive Grade Wide Terminal Chip Resistor - Type 3430 Series

English