# 3430H2F300RTDF ✔ ACTIVE

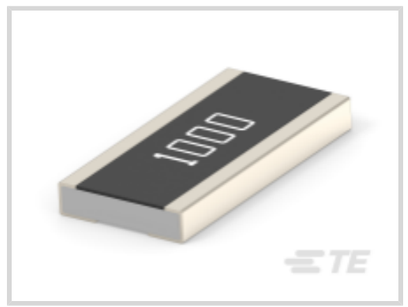
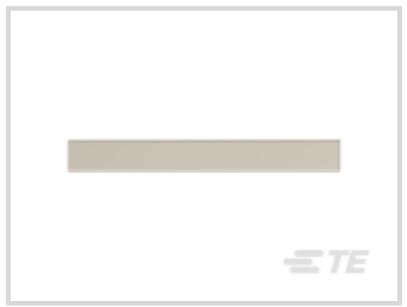
CGS | CGS 3430

TE Internal #: 6-2176562-1

300 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: **300 Ω**

Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **1020**

Power Rating: **2 W**

## Features

### Usage Conditions

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 200 V |
| Resistance Value | 300 Ω |
| Power Rating | 2 W |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 1 % |

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Resistors | 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] |

### Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

### Other

| | |
|---|---|
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Not Compliant |

## Product Compliance

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

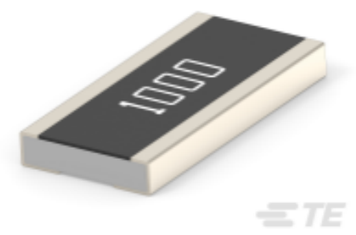
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

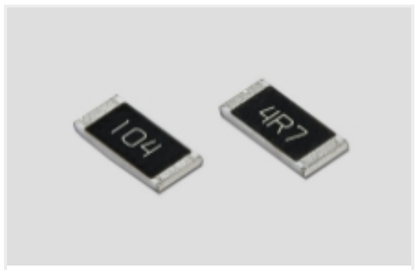
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts




TE Part # 6-2176560-1
3430 H2 1% 300R 100ppm 4k RL

## Also in the Series | CGS 3430




Surface Mount Resistors(1168)

## Customers Also Bought



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT04-2P
REC, 2P, GRY, N



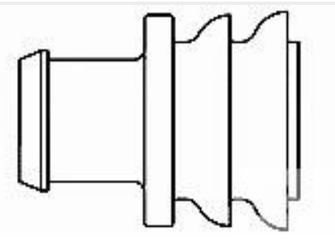
TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

## Documents

### Product Drawings

3430 H2 1% 300R 100ppm 1k RL

English

## CAD Files

Customer View Model

ENG_CVM_CVM_6-2176562-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2176562-1_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_6-2176562-1_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