# 3430B2F18KTDF ✔ ACTIVE

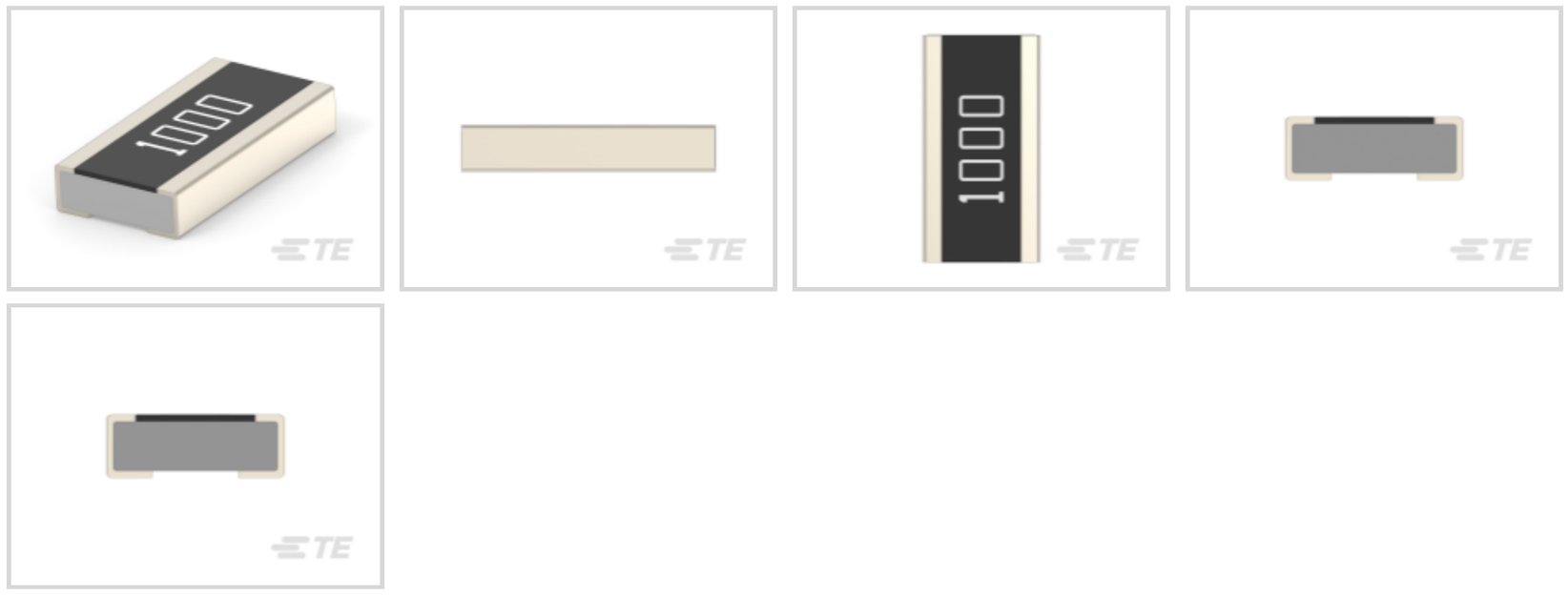
CGS | CGS 3430

TE Internal #: 2176559-5

Power Resistor, Thick Film, 0612, 1.5 W, 18K Ω, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Length .061 in [1.55 mm], CGS 3430

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **0612**

Power Rating: **1.5 W**

Resistance Value: **18K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Thick Film |
| Package Size Code | 0612 |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 200 V |
| Power Rating | 1.5 W |
| Resistance Value | 18K Ω |
| Resistance Class | 1kΩ - 1MΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

## Dimensions

| | |
|---|---|
| Product Height | .55 mm[.022 in] |
| Product Length | 1.55 mm[.061 in] |
| Product Width | 3 mm[.118 in] |

## Usage Conditions

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

## Packaging Features

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

## Product Compliance

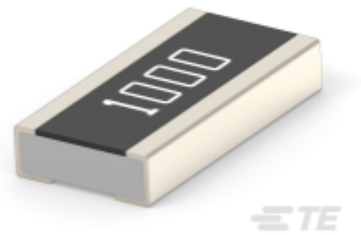
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

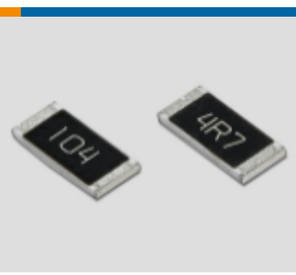
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



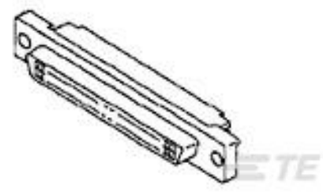
TE Part # 2176557-5
3430 B2 1% 18K 100ppm 5k RL

## Also in the Series | CGS 3430



Surface Mount Resistors(1168)

## Customers Also Bought



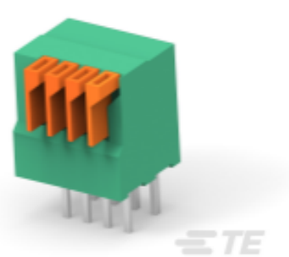
TE Part # 749877-7
68 50SR PANEL MOUNT RCPT



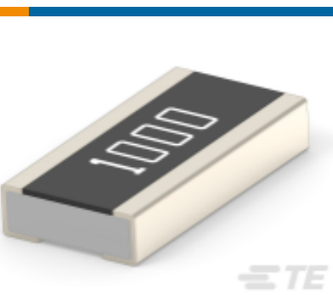
TE Part # 5-1625999-4
HSC100 R50 5%



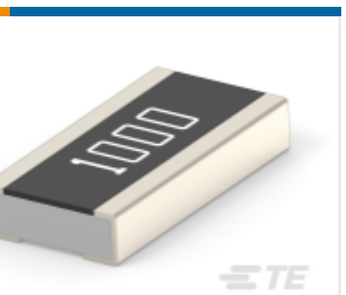
TE Part # 7-1393117-7
KUP-14A15-12=KU



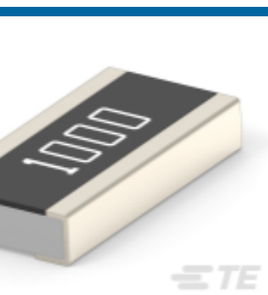
TE Part # 1-2834015-4
4POS 2.54MM TES CONN.



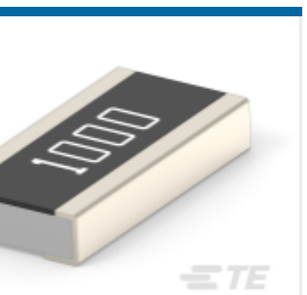
TE Part # 2176559-1
3430 B2 1% 12K 100ppm 1k RL



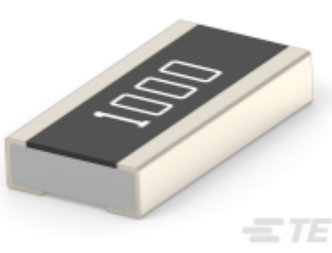
TE Part # 2176559-4
3430 B2 1% 16K 100ppm 1k RL



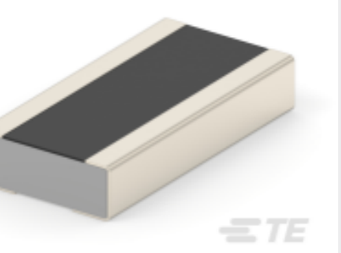
TE Part # 3-2176558-1
3430 B2 1% 16R 100ppm 1k RL



TE Part # 1-2176559-2
3430 B2 1% 36K 100ppm 1k RL



TE Part # 8-2176558-8
3430 B2 1% 3K9 100ppm 1k RL



TE Part # 1-2176539-8
RLW73 B2 1% R27 200ppm 5k RL

# Documents

## Product Drawings

3430 B2 1% 18K 100ppm 1k RL

English

## CAD Files

Customer View Model

ENG_CVM_CVM_2176559-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176559-5_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2176559-5_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