# 3560390KFT ✔ ACTIVE

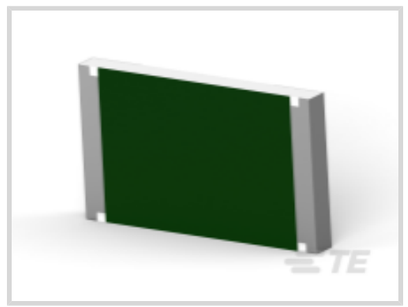
CGS | CGS 3560

TE Internal #: 3-2176407-6

Power Resistor, Thick Metal Film, 6 W, 390K Ω, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .043 in [1.1 mm], Length .457 in [11.6 mm], CGS 3560

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Power Resistor**

Element Type: **Thick Metal Film**

Power Rating: **6 W**

Resistance Value: **390K Ω**

Resistance Class: **1kΩ - 1MΩ**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Thick Metal Film |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 300 V |
| Power Rating | 6 W |
| Resistance Value | 390K Ω |
| Resistance Class | 1kΩ - 1MΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

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

## Dimensions

| | |
|---|---|
| Product Height | 1.1 mm[.043 in] |
| Product Length | 11.6 mm[.457 in] |
| Product Width | 6.85 mm[.27 in] |

## Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±100 ppm/°C |

## Packaging Features

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

## Product Compliance

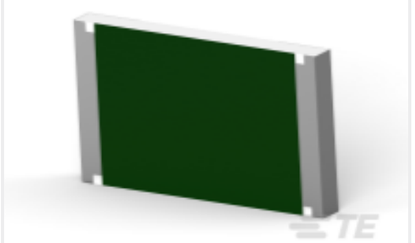
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| 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: JUNE 2023 (235)<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 |

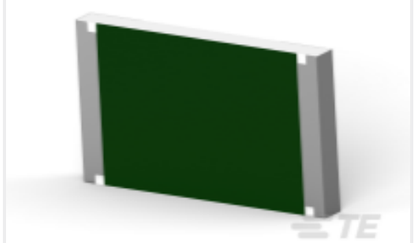
Product Compliance Disclaimer

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

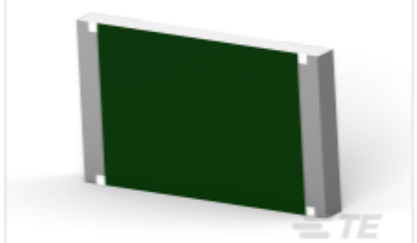
## Compatible Parts



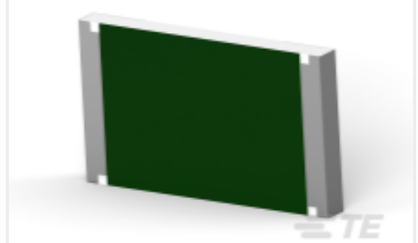
TE Part # 3-2176406-1
3560 18R 1%



TE Part # 3-2176406-2
3560 20R 1%



TE Part # 8-2176406-0
3560 2K0 1%



TE Part # 8-2176406-3
3560 2K7 1%



TE Part # 4-2176406-1
3560 47R 1%

## Also in the Series | CGS 3560

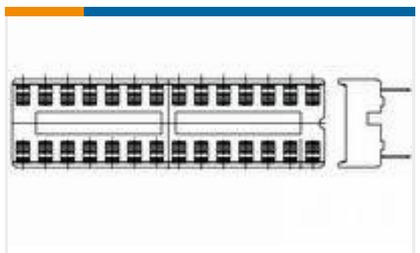



Surface Mount Resistors(254)

## Customers Also Bought



TE Part # 160298
PIDG RING 12-10 5/16



TE Part # 1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part # 1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 1909763-1
UMCC MICRO-COAX RECPT GEN 1 HIGHER LEVEL



TE Part # 4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 826630-2
2P AMPMODU II STIFT LEI




TE Part # 3-2176341-7
CRGCQ 0805 10K 1%



TE Part # 5-2176381-5
RQ 0805 45K3 0.1% 10PPM 5K RL



TE Part # L9000279-01
SMA Jack 50 Ohm .062 PCB Edge Mount

## Documents

### Product Drawings

3560 390K 1%

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176407-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176407-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176407-6_A.3d_stp.zip

English

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

### Datasheets & Catalog Pages

SMD HIGH POWER RESISTORS - TYPE 3660 SERIES

English