# 356047RJT ✔ ACTIVE

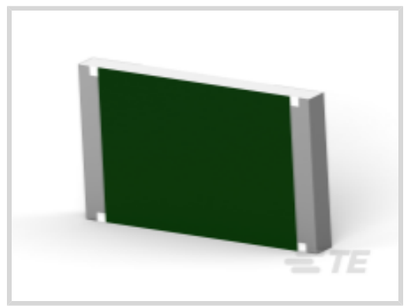
CGS | CGS 3560

TE Internal #: 9-2176407-1

47 ohm, Thick Metal Film, Power Resistor, 5 %, 6 W, ±100 ppm/°C, Solder, 2 Terminations, 1.1 mm [.043 in] Height, 11.6 mm [.457 in] Length, 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: **47 Ω**

Resistance Class: **Up to 1kΩ**

## 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 | 47 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 5 % |

### 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

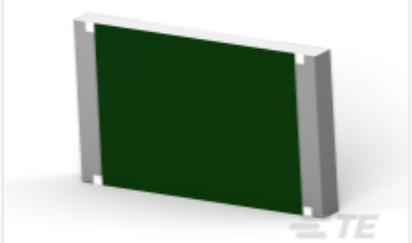
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260°C |

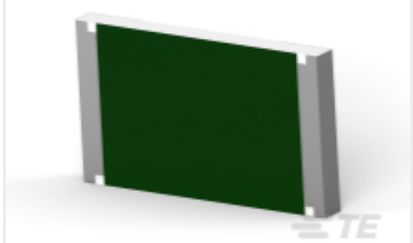
Product Compliance Disclaimer

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

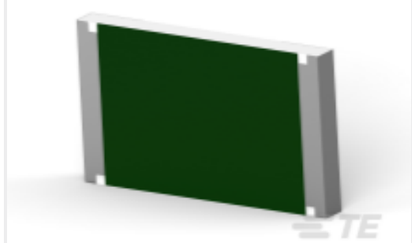
## Compatible Parts



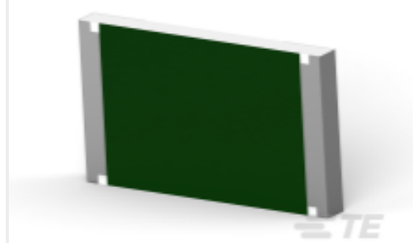
TE Part # 4-2176406-1
3560 47R 1%



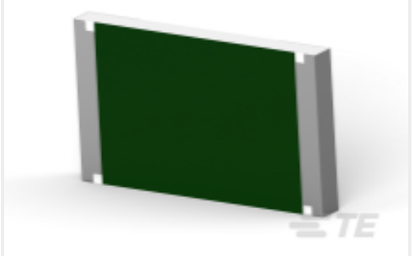
TE Part # 3-2176406-2
3560 20R 1%



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

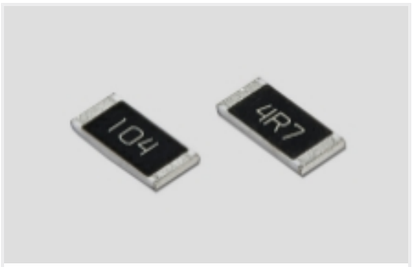


TE Part # 3-2176406-1
3560 18R 1%



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

## Also in the Series | CGS 3560




Surface Mount Resistors(254)

## Customers Also Bought



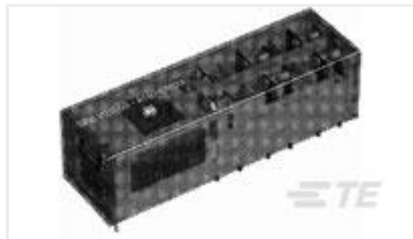
TE Part #350835-4
09P UMNL HDR ASSY PC 94VO LF



TE Part #7-1393236-4
V23092-B1024-A301



TE Part #7-1393243-9
RT424730



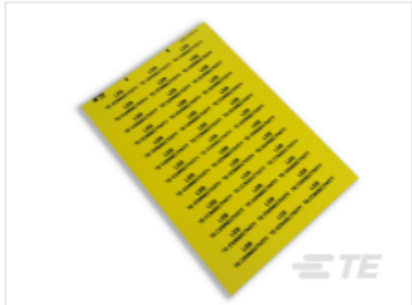
TE Part #1393260-7
SR6B4024 - V23050-A1024-A542



TE Part #1625960-6
HBA RE 22M 1% 100PPM



TE Part #1625960-8
HBA RE 33M 1% 100PPM



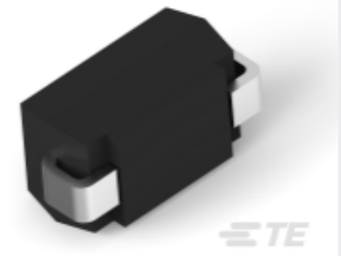
TE Part #1768033-7
LEB-0615P-9



TE Part #8-2176407-4
3560 12R 5%



TE Part #1478769-3
ANTI-VIB NYLON GLD 20MM BLK



TE Part #1-2176322-0
SMV 1W 560K 5%

## Documents

### Product Drawings

3560 47R 5%

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2176407-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-2176407-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-2176407-1_A.3d_stp.zip

English

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### Datasheets & Catalog Pages

SMD HIGH POWER RESISTORS - TYPE 3560 SERIES

English