

# 35501M8JT ✓ ACTIVE

CGS | CGS 3550

TE Internal #: 4-2176405-7

1.8M  $\Omega$ , Thick Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 5 W,  $\pm 100$  ppm/ $^{\circ}\text{C}$ , Solder, Height .043 in [1.1 mm], CGS 3550

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Element Type: **Thick Metal Film**

## 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                     |
| Passive Component Tolerance | 5 %                       |
| Resistance Class            | 1M $\Omega$ – 1G $\Omega$ |
| Resistance Value            | 1.8M $\Omega$             |
| Power Rating                | 5 W                       |

### Termination Features

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

### Dimensions

|                |                 |
|----------------|-----------------|
| Product Height | 1.1 mm[.043 in] |
| Product Length | 11 mm[.433 in]  |
| Product Width  | 5 mm[.197 in]   |

### Usage Conditions

|                         |                                   |
|-------------------------|-----------------------------------|
| Temperature Coefficient | $\pm 100$ ppm/ $^{\circ}\text{C}$ |
|-------------------------|-----------------------------------|

### 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |
| Solder Process Capability                     | Reflow solder capable to 260 $^{\circ}\text{C}$   |

#### 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 # 3-2176403-1  
3550 18R 1%

TE Part # 3-2176403-2  
3550 20R 1%

TE Part # 8-2176403-0  
3550 2K0 1%

TE Part # 8-2176403-3  
3550 2K7 1%

TE Part # 4-2176403-1  
3550 47R 1%

### Also in the Series | CGS 3550

Surface Mount Resistors(254)

### Customers Also Bought

TE Part #9-1625971-5  
HSA25 R01 10%

TE Part #2337238-3  
TACT MINI GW 5.2X5.2X2 160GF

TE Part #3-2176307-2  
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL

TE Part #7-2176305-3  
RP 1E 0.1W 604R 0.1% 25PPM 5K RL

TE Part #2-2176392-9  
RQ 1206 261K 0.1% 10PPM 5K RL

TE Part #1-1879353-9  
RR02 5% 24K AMMO

TE Part #7-1879354-5  
RR03 5% 390R AMMO

TE Part #1-830611-0  
LGH 1/2 SNGL MLD END



## Documents

### Product Drawings

[3550 1M8 5%](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176405-7\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176405-7\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176405-7\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[SMD HIGH POWER RESISTORS - TYPE 3550 SERIES](#)

English