# SMF3120KJT ✔ ACTIVE

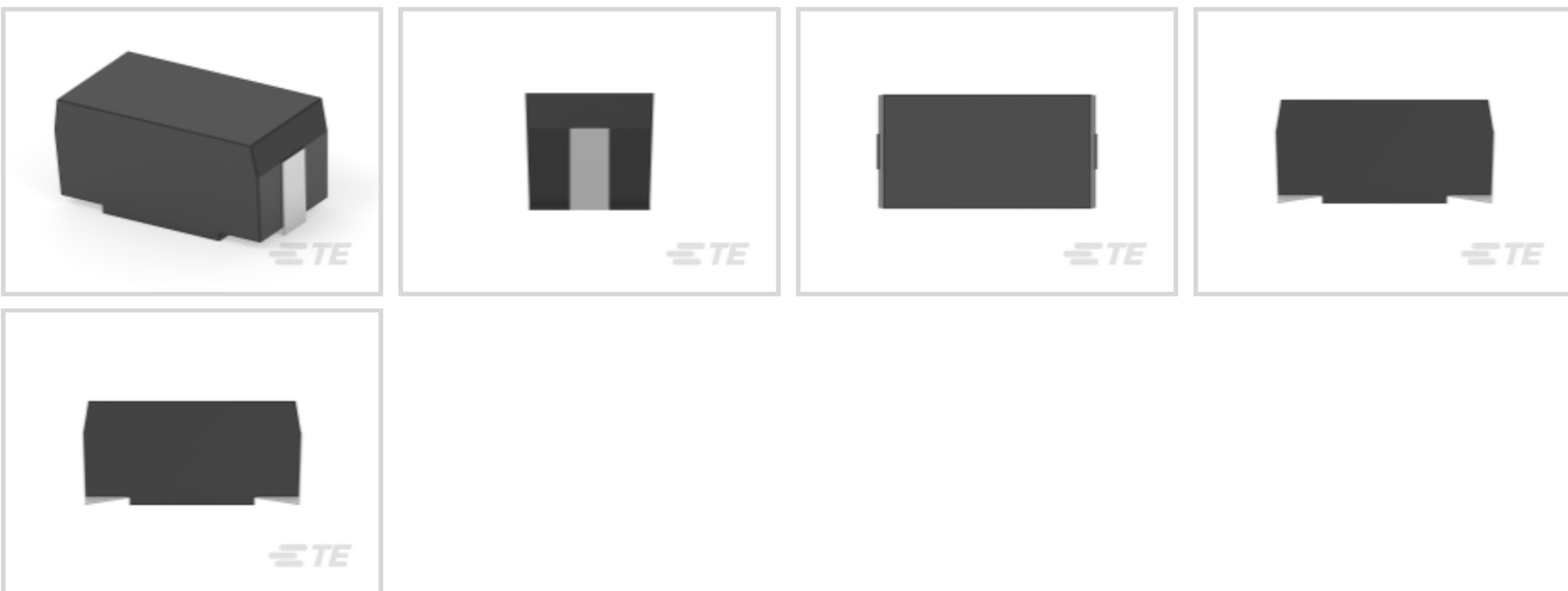
CGS | CGS SM

TE Internal #: 6-1879022-3

120K Ω, Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 3 W, ±100 ppm/°C, Solder, 10.5 x 5.5 x 5 mm, CGS SM

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 7 Watt, 200-2M Ohm



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Element Type: **Metal Film**

All SMD Power Resistor: 7 Watt, 200-2M Ohm (316)

## Features

### Product Type Features

| | |
|---|---|
| Product Type | Fixed Resistor |
| Resistor Type | Power Resistor |
| Element Type | Metal Film |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Voltage Rating | 500 V |
| Passive Component Tolerance | 5 % |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 120K Ω |
| Power Rating | 3 W |

### Termination Features

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|---|---|
| Number of Terminations | 2 |

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |

### Dimensions

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|---|---|
| Passive Component Dimensions | 10.5 x 5.5 x 5 mm |

### Usage Conditions

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

### Packaging Features

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

## Product Compliance

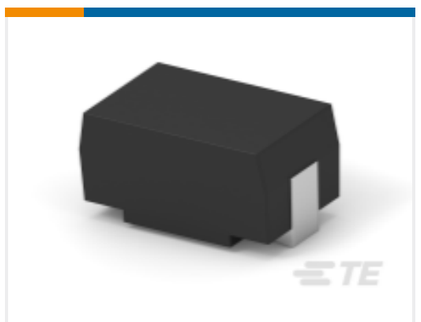
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No 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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Wave solder capable to 265°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 # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part # 1879233-9
SMW5 R22 5%

TE Part # 5-2176620-8
SMQF3W 120K 5%

## Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(9)

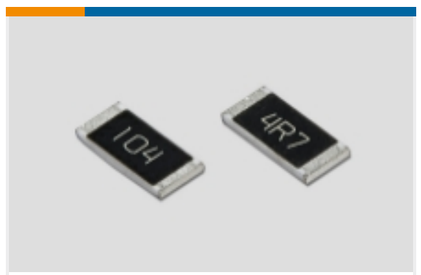
LC Connectors(2)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

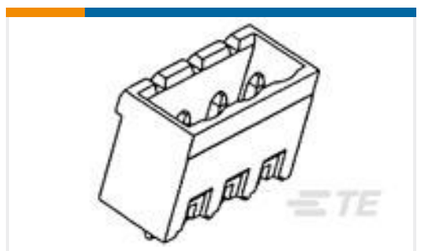
RJ45 Connectors(3)




Surface Mount Resistors(554)

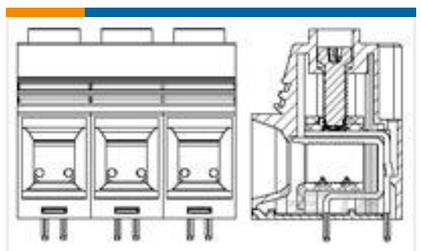
## Customers Also Bought

TE Part #794617-2
2POS,MICRO MNL,RCPT HSG



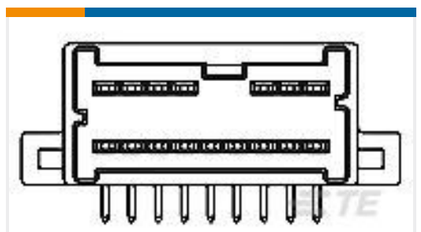
TE Part #796642-2
2POS 5.0MM CE VRT HDR,TRM BLK

TE Part #8-1415029-1
PB114012

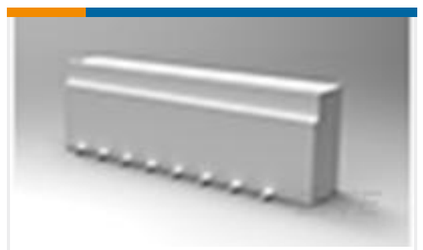


TE Part #1986242-3
Power Connector, 15.0mm, Green, 3 posn

TE Part #5-1879354-9
RR03 5% 82R AMMO



TE Part #1123431-1
040 MLC 24P CAP ASSY W-T-B



TE Part #1-1735042-4
1MM FFC SMT V ASSY 14P EMBOSS

TE Part #2181952-1
12-POSN, .050 C/L FFC ASSY, 4

TE Part #2322536-2
LANDIS GYR POWER SHIELD FRAME

TE Part #2322537-2
LANDIS GYR POWER SHIELD COVER

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1879022-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1879022-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1879022-3_BA.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

SMD Moulded Power Resistor - Type SM Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English