



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.1 W**

Passive Component Tolerance: **1 %**

Features

Product Type Features

|                   |                          |
|-------------------|--------------------------|
| Resistor Type     | General Purpose Resistor |
| Element Type      | Thick Film               |
| Package Size Code | 0603                     |

Electrical Characteristics

|                             |      |
|-----------------------------|------|
| Power Rating                | .1 W |
| Passive Component Tolerance | 1 %  |

Termination Features

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

Dimensions

|                |                  |
|----------------|------------------|
| Product Height | 45 mm[1.17 in]   |
| Product Length | 320 mm[12.6 in]  |
| Product Width  | 260 mm[10.24 in] |

Usage Conditions

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

Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Folder |
|------------------|--------|

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: JAN 2024 (240)<br>Candidate List Declared Against: JUL 2021 (219)<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

|                                            |                                          |                                          |                                              |
|--------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------|
| <br>TE Part # 1625873-1<br>0402 5% LAB-KIT | <br>TE Part # 1625873-5<br>0805 LAB-KIT  | <br>TE Part # 1625873-6<br>1206 LAB-KIT  | <br>TE Part # 1625873-7<br>CFR16 LAB-KIT     |
| <br>TE Part # 1625873-8<br>CFR25 LAB-KIT   | <br>TE Part # 1625873-9<br>CFR50 LAB-KIT | <br>TE Part # 1-1625873-1<br>LR1 LAB-KIT | <br>TE Part # 1-1625873-4<br>0402 1% LAB-KIT |

RES KIT 0603RS

General Purpose Resistor, Thick Film, 0603, .1 W, 1 %, ±100 ppm/°C, Solder, Height 1.17 in [45 mm], Length 12.6 in [320 mm], Neohm CRG



TE Part # 1-1625873-6  
3521 10R-1M0 LAB KIT



TE Part # 1625873-4  
0805 RESISTOR KITS



TE Part # 1-1625873-2  
LR2 LAB-KIT

Also in the Series | Neohm CRG

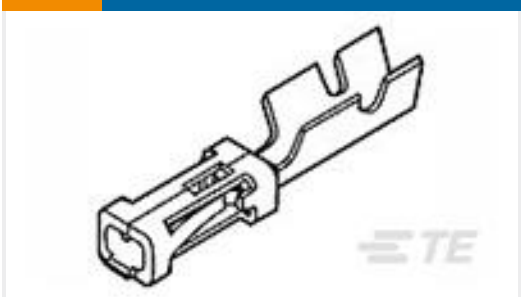


[Surface Mount Resistors\(653\)](#)

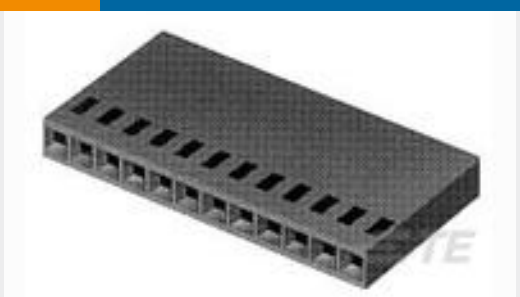
Customers Also Bought



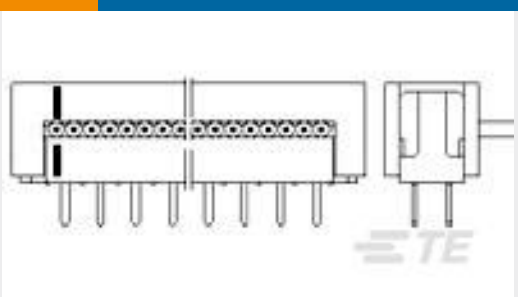
TE Part # 1-1623729-7  
BCHE 17 W 33R 5%



TE Part # 2-87523-3  
MOD IV RECP PLTD 15 DPLX



TE Part # 7-87499-2  
01 MODIV HSG COMP SR .100CL



TE Part # 2-216093-0  
AMP-LATCH PRE-ASSY DIL WITHO



TE Part # 4-1623750-9  
ER58 R47 5% AMMO



TE Part # 1-2399610-1  
2POS,HVP1400,ASSY,90DEG,COD A/B



TE Part # 3-1618389-2  
LEV200H4ANF=RELAY, SPST-NO



TE Part # 3198143001  
ACW0219-2.50-9(NS)

Documents

[Product Drawings](#)  
[0603 LAB-KIT](#)

English  
[0603 LAB-KIT](#)

English

[Datasheets & Catalog Pages](#)

RES KIT 0603RS

General Purpose Resistor, Thick Film, 0603, .1 W, 1 %,  $\pm 100$  ppm/ $^{\circ}$ C, Solder, Height 1.17 in [45 mm], Length 12.6 in [320 mm], Neohm CRG



1309350\_PASSIVE\_COMPONENT

English