



CGS

TE Part # 3-1623746-8

TE Internal #: ER744R7JT

[View on TE.com >](#)

Passive Components > Resistors > Fixed Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Dimensions: **13.5 x 6 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Tolerance: **5%**

Features

Product Type Features

| | |
|---------------|----------------|
| Product Type | Fixed Resistor |
| Resistor Type | Power Resistor |
| Element Type | Wirewound |

Configuration Features

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

Electrical Characteristics

| | |
|------------------|-------------------|
| Voltage Rating | 100 V |
| Tolerance | 5% |
| Resistance Class | Up to 1k Ω |
| Resistance | 4.7 Ω |
| Power Rating | 3 W |

Body Features

| | |
|-----------|--------------|
| Lead Type | Axial Leaded |
|-----------|--------------|

Termination Features

| | |
|------------------------|---------------------|
| Number of Terminations | 2 |
| Termination Type | Tinned Copper Leads |

Mechanical Attachment

| | |
|-------------|--------------|
| Mount Style | Axial Leaded |
|-------------|--------------|

Dimensions

| | |
|------------|-------------|
| Dimensions | 13.5 x 6 mm |
|------------|-------------|

Usage Conditions

| | |
|-----------------------------|---------------|
| Operating Temperature Range | -55 – 200 °C |
| Temperature Coefficient | 0 – 60 ppm/°C |

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Ammo Packed |
|------------------|-------------|

Product Compliance

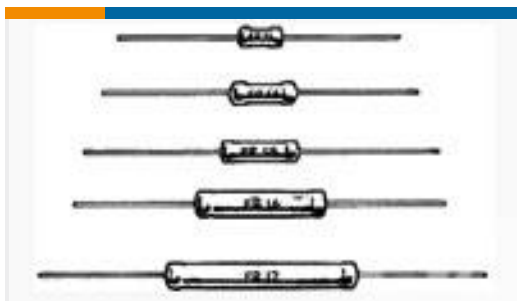
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| 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 2019 (197) Candidate List Declared Against: JUN 2018 (191) |
| 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 |

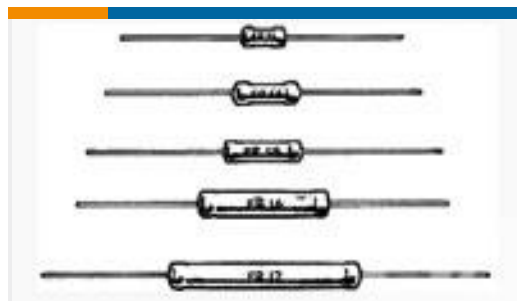
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

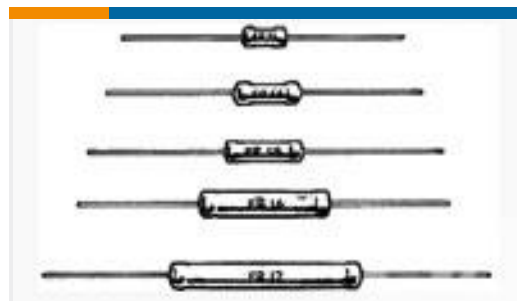
Compatible Parts



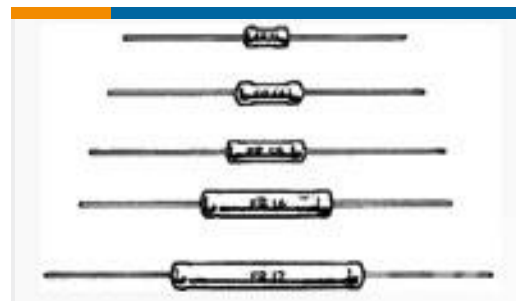
TE Part # 6-1623746-9
ER74 R05 10% AMMO PK



TE Part # 4-1623750-7
ER58 R22 5% AMMO



TE Part # 1-1623746-3
ER74 1R0 5% AMMO PK

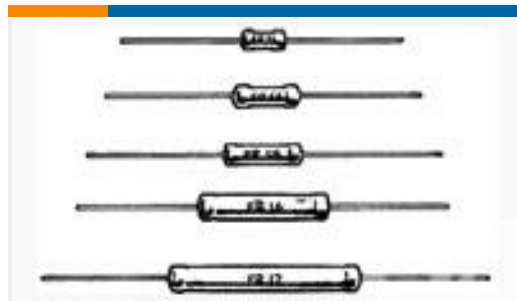


TE Part # 1623749-6
ER17 22K 5% LOOSE

Customers Also Bought



TE Part #1-2176230-8
3522 22R 5% 3W



TE Part #2-1623746-5
ER74 2R2 5% AMMO PK



TE Part #1461352-2
PCH-105L2M,000



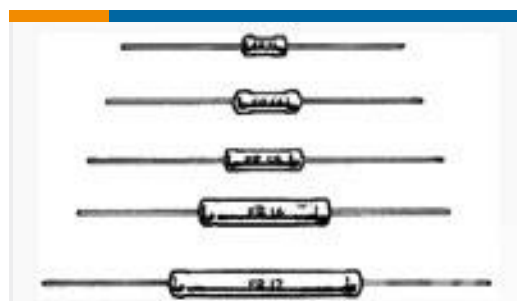
TE Part #1956164-1
RY211024R



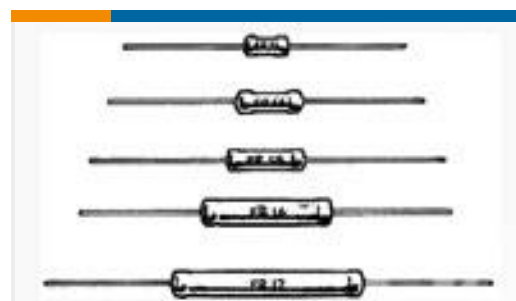
TE Part #2176217-9
CPF A 0805 27R 0.1%
25PPM 1K RL



TE Part #8-1879512-5
CRGH0805 1% 1M0 0.33W



TE Part #1-1623746-6
ER74 1R8 5% AMMO PK



TE Part #3-1623746-3
ER74 3R3 5% AMMO PK



TE Part #1393763-6
V23100V4012A

Documents

Product Drawings
[ER74 4R7 5% AMMO PK](#)
English

CAD Files
[3D PDF](#)
3D
[Customer View Model](#)
[ENG_CVM_CVM_3-1623746-8_BA.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_3-1623746-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1623746-8_BA.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[Type ER/ERV Series High Power Resistors](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English