



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**  
Element Type: **Wire Wound**  
Power Rating: **14 W**  
Resistance Class: **1k $\Omega$  – 1M $\Omega$**   
Resistance Value: **2.2K  $\Omega$**

Features

Product Type Features

|               |                |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 650 V                     |
| Power Rating                | 14 W                      |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Resistance Value            | 2.2K $\Omega$             |
| Passive Component Tolerance | 5 %                       |

Body Features

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

Termination Features

|                                |        |
|--------------------------------|--------|
| Termination Area Base Material | Copper |
| Number of Terminations         | 2      |

Dimensions

|                              |               |
|------------------------------|---------------|
| Passive Component Dimensions | 53.3 x 8.5 mm |
|------------------------------|---------------|



Usage Conditions

|                         |                                  |
|-------------------------|----------------------------------|
| Temperature Coefficient | $\pm 90$ ppm/ $^{\circ}\text{C}$ |
|-------------------------|----------------------------------|

Packaging Features

|                  |                    |
|------------------|--------------------|
| Packaging Method | Loose Piece - Tray |
|------------------|--------------------|

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 2024 (241)<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 $^{\circ}\text{C}$                                                                                   |

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

|                                                                                                                                           |                                                                                                                                            |                                                                                                                                             |                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>TE Part # 1623773-8<br/>C10 10K 5% (LOOSE)</div> |  <div>TE Part # 1623774-1<br/>C14 180R 2% (LOOSE)</div> |  <div>TE Part # 1623771-5<br/>C3A 10R 5% AMMO PK</div> |  <div>TE Part # 7-1623771-0<br/>C3A 180R 5% AMMO PK</div> |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|



TE Part # 1-1623772-8  
C7 1R0 5% AMMO PK

Also in the Series | CGS C



Through-Hole Resistors(288)

Customers Also Bought



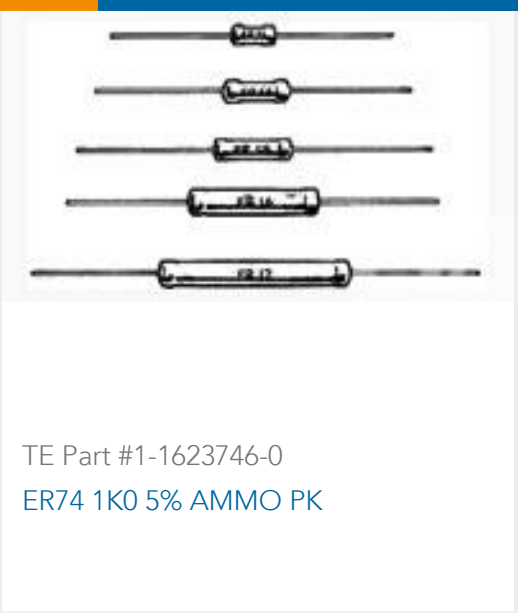
TE Part #1-6609027-6  
10EK7M=F7096 S0



TE Part #1-1623774-8  
C14 15K 5% (LOOSE)



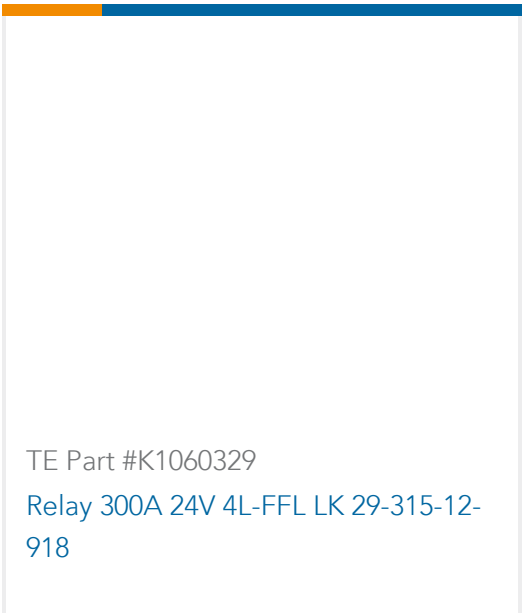
TE Part #2-1437565-7  
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Part #1-1623746-0  
ER74 1K0 5% AMMO PK



TE Part #3-1625890-3  
2W SM M/OX 5% 22R



TE Part #K1060329  
Relay 300A 24V 4L-FFL LK 29-315-12-918

Documents

Product Drawings  
C14 2K2 5% (LOOSE)

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2-1623774-6\_BA.2d\_dxf.zip



C142K2JL

Power Resistor, Wire Wound, 14 W, 2.2K  $\Omega$ , 5 %,  $\pm 90$  ppm/ $^{\circ}$ C, Axial-Leaded, Copper Termination, 53.3 x 8.5 mm, Loose Piece - Tray, 2 Termination, CGS C



English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1623774-6\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1623774-6\\_BA.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[High Power Resistors - Type C Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English