



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Fusible Resistor**
Passive Component Dimensions: **6.3 x 2.3 mm**
Number of Terminations: **2**
Packaging Method: **Ammo Packed**
Passive Component Tolerance: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Fusible Resistor
Element Type	Thin Film

Configuration Features

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

Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	10 Ω
Power Rating	.25 W

Body Features

Passive Component Lead Type	Axial-Leaded
-----------------------------	--------------

Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	6.3 x 2.3 mm
------------------------------	--------------



Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±350 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 1676058-2
FRN100S 5% 1K0

TE Part # 1879228-1
FRN200S 5% 680R

TE Part # 1625878-3
FRN25 5% 1K0

TE Part # 1-1625878-4
FRN25 5% R22

TE Part # 1625879-5
FRN50 5% 220R (S)

Also in the Series | FRN

Through-Hole Resistors(29)

Customers Also Bought

TE Part #1622598-1
LR1L 5% R10

TE Part #1-1625886-4
1W SM M/OX 5% 3R3

TE Part #1461477-4
PCN 3A/5A SLIM PCB RELAY 5VDC

TE Part #1624186-1
27E DUAL 50KB 6.35X50FL B7

TE Part #1623746-2
ER74 10K 5% AMMO PK

TE Part #1-1625878-3
FRN25 5% 4R7

TE Part #1624049-2
SC30-10-2506-10 0.27UH AMMO 1000

TE Part #9-1419125-7
STD OEG PCB PCFN Solar Power Relays



Documents

Product Drawings

FRN25 5% 10R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1625878-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1625878-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1625878-2_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

Flame-Proof Fusible Resistors - Type FRN Series - Tyco Electronics Passives

English