



Passive Components > Resistors > Chassis Mount Resistors > Resistor Cap Discharge YP10



Resistor Type: **Power Resistor**
Resistance Class: **1k Ω – 1M Ω**
Resistance Value: **27K Ω**
Power Rating: **10 W**
Element Type: **Wire Wound**

[All Resistor Cap Discharge YP10 \(5\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	570 VAC
Resistance Class	1k Ω – 1M Ω
Resistance Value	27K Ω
Power Rating	10 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
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Chassis Mount Resistor Termination Type

Mounting Terminals

Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets
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Dimensions

Product Diameter	9.5 mm[.374 in]
Product Length	50 mm[1.969 in]

Usage Conditions

Operating Temperature Range	-55 – 350 $^{\circ}\text{C}$
Temperature Coefficient	± 30 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Loose Piece - Box
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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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) 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

TE Part # CAT-C339-Y89
Resistor Cap Discharge YP10

TE Part # 1-1630184-2
YP8 18K 5%

Also in the Series | CGS YP

Chassis Mount Resistors(6)

Customers Also Bought

TE Part #60617-1
CMNL SOK SNBR L/P

TE Part #825433-2
MOD 2 PINHDR 1X2 P.

TE Part #5-160490-2
187 FASTON REC 20-16 AWG TPBR

TE Part #925324-2
FF 250 PLUG HSG 1P NYLON CLEAR

TE Part #5-160558-2
FF 250 REC 0.5-1.5MM2 TPBR

TE Part #1-1423673-6
W51-A151A1-7=CKTBKR,THERM, ROCK

TE Part #5069874011
CGPT-19/9.5-0-SP

TE Part #9-2176366-1
RQ 0603 3K74 0.1% 10PPM 1K RL

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1630184-5_B.2d_dxf.zip

YP1027KJ

Power Resistor, 27K Ω , 10 W, Wire Wound, 2 Termination, ± 30 ppm/ $^{\circ}\text{C}$, 5 %, Mounting Terminals Termination, Loose Piece - Box, 1 Resistor, CGS YP



English

Customer View Model

[ENG_CVM_CVM_1630184-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1630184-5_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English