YP1027KJ ✔ ACTIVE

CGS | CGS YP

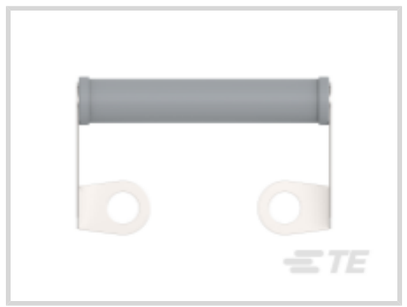
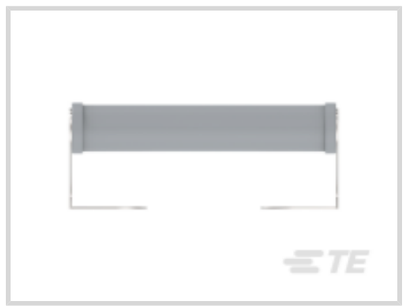
TE Internal #: 1630184-5

27K ohm, Wire Wound, 5 %, Power Resistor, 10 W, 2 Terminations, ±30 ppm/°C, Mounting Terminals, Loose Piece - Box, 50 mm [1.969 in] Length, CGS YP

View on TE.com >

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




Resistor Type: **Power Resistor**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **27K Ω**

Power Rating: **10 W**

Element Type: **Wire Wound**

All Resistor Cap Discharge YP10 (4)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

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

Termination Features

Number of Terminations	2

Chassis Mount Resistor Termination Type	Mounting Terminals

Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 350 °C[-67 – 662 °F]
Temperature Coefficient	±30 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box

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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

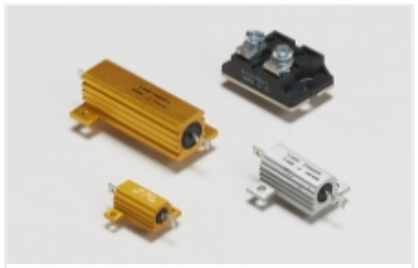
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



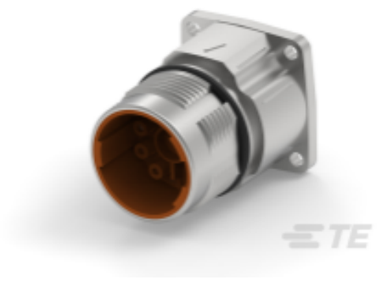
TE Part # CAT-C339-Y89
Resistor Cap Discharge YP10

Also in the Series | CGS YP



Chassis Mount Resistors(4)

Customers Also Bought



TE Part #BEA120N00000200000
923 RECEPTACLE, SPEEDTEC-READY



TE Part #BEA120M11000200000
923 RECEPTACLE, SPEEDTEC-READY



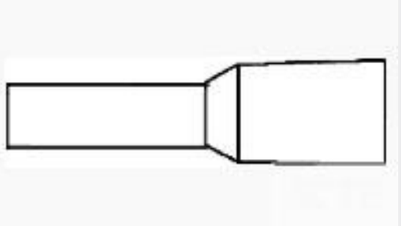
TE Part #32994
TERMINAL,SOLIS R 12-10 8



TE Part #34122
TERMINAL,SOLIS R 16-14 8



TE Part #324487
SPARE WIRE CAP,YEL .150-.210 INS.



TE Part #2-966067-6
FER,WIRE,PL SLV,16.00/6,L12,BLUE,LP



TE Part #3-1623929-9
CFR200 5% 470K



TE Part #3-1625892-0
3W SM M/OX 5% 220K



TE Part #6-1625892-6

3W SM M/OX 5% 68K



TE Part #8-1625892-3

3W SM M/OX 5% 330K

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1630184-5_B.2d_dxf.zip

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

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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