1833011-4 × OBSOLETE

SCHRACK

TE Internal #: 1833011-4

TE Internal Description: RZF1-1A4-L012

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **530 mW**

Coil Resistance: **271.7 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	16 A
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Coil Power Rating DC	530 mW
Coil Resistance	271.7 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	16 A
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Primary Product Color	Natural
Product Weight	11 g[.388 oz]

Contact Features

Contact Plating Material	Silver Nickel
Contact Material	AgNi90/10

Dimensions

Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.8 mm[.504 in]
Product Length	29 mm[1.142 in]
Product Height	17.9 mm[.705 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Actuating System	DC
Shock Resistance	100G's, 6ms
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Carton & Tube

Other

Length Class (Mechanical)	25 – 30 mm
Insulation Initial Dielectric Between Coil & Contact Class	2500 – 5000 V, 4000 – 5000 V, 5000 V
Height Class (Mechanical)	16 – 20 mm
Coil Power Rating Class	500 – 600 mW
Width Class (Mechanical)	12 – 16 mm
Contact Current Class	16 A

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: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

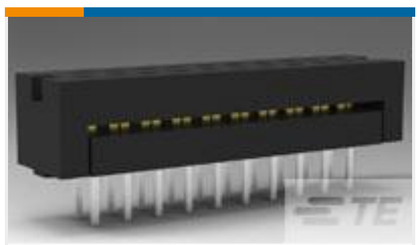
Customers Also Bought



TE Part #1461492-5
OJT-SS-112LM,000 RELAY



TE Part #1558677-7
T9GS2L24-24



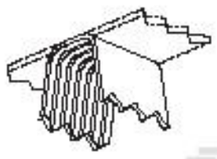
TE Part #2-746610-4
060 DIP PLUG 100CL TIN



TE Part #2-1393127-6
PRD-11AY0-120=PRD



TE Part #2071556-4
OJS-SS-112HMF,00000



TE Part #1601711-1
L125/165D20B=RTM 3400-9000

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1833011-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1833011-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1833011-4_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

RZF Relay Product Flyer

English

RZF Relay Datasheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

RZF_CQC_S_C1

English

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