1-1393204-3 ✔ ACTIVE

SCHRACK | SCHRACK V23148

TE Internal #: 1-1393204-3

Power Relays, General Purpose Power Relay, Bistable, 1 Coil, 1.317 W Coil, 1750 Ω Coil Resistance, 48 VDC Coil Voltage, 1 Form C (CO), SCHRACK V23148

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Bistable, 1 Coil**

Coil Power Rating: **1.317 W**

Coil Resistance: **1750 Ω**

Coil Voltage Rating: **48 VDC**

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Contact Arrangement	1 Form C (CO)
Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	12 A
Contact Limiting Continuous Current	7 A
Insulation Initial Dielectric Between Contacts & Coil	2000 Vrms
Coil Power Rating	1.317 W
Coil Resistance	1750 Ω
Coil Voltage Rating	48 VDC
Contact Current Rating	7 A
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	9 g[.317 oz]

Contact Features

Contact Material	AgNi90/10

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Insulation Clearance Between Contact & Coil	2.5 mm[.098 in]
Insulation Creepage Between Contact & Coil	2.5 mm[.098 in]
Product Width	16.2 mm[.637 in]
Product Length	21.2 mm[.834 in]
Product Height	14.9 mm[.586 in]

Usage Conditions

Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]

Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Bistable, 1 Coil

Packaging Features

Packaging Method	Carton

Other

Length Class (Mechanical)	20 – 25 mm
Height Class (Mechanical)	14 – 15 mm
Coil Power Rating Class	1000 – 2000 mW
Width Class (Mechanical)	16 – 20 mm
Contact Current Class	5 – 10 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: JUNE 2024 (241) 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 260°C

Product Compliance Disclaimer

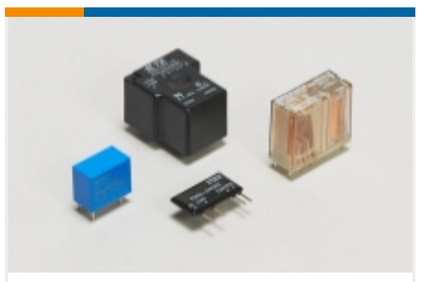
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



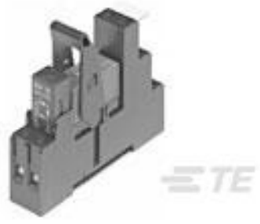
TE Part # 1-1393203-4
V23148-A0008-A101

Also in the Series | SCHRACK V23148

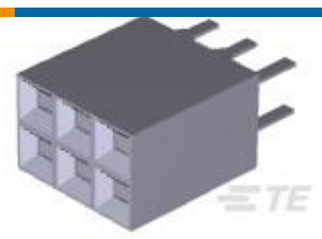


Power Relays(33)

Customers Also Bought



TE Part #2-1415073-1
RT4S4R24



TE Part #5-534206-3
06 MODII VRT DR CE 100/115



TE Part #1825057-4
ADE0504=DIP SWITCH,EXT,THRU/HL



TE Part #9-1393239-5
RT314012



TE Part #1415390-1
PE014F03



TE Part #1879216-9
CPF 0402 60K4 0.1% 25PPM 1K RL



TE Part #4-1415073-1
RT3S4LC4



TE Part #3-2176304-0
RP 1E 0.1W 20R 0.1% 25PPM 5K RL

TE Part #1-1393204-4
V23148-B0010-A101

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1393204-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1393204-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1393204-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Power PCB Relay U/UB

English

Product Specifications

Definitions General Purpose Relays

English