



Relays, Contactors & Switches > Relays > Automotive Relays > Automotive High Current Relays



Rated Coil Voltage: 12 VDC

High Current Automotive Relay Contact Current Class: >50A

High Current Automotive Relay Contact Arrangement: 1 Form X (NO, Bridging)

Coil Suppression: Resistor in Parallel

High Current Automotive Relay Coil Magnetic System: Monostable, DC

Features

Product Type Features

Product Category	Electromechanical Relays
Relay Type	High Current Relay HCR 150
Product Type	Relay
Product Classification	Relays - Automotive High Current Relays
Product Designation	High Current Automotive Relays

Electrical Characteristics

Rated Coil Voltage	12 VDC
Coil Suppression	Resistor in Parallel
High Current Automotive Relay Coil Magnetic System	Monostable, DC
High Current Automotive Relay Coil Resistance	37 Ω

Contact Features

High Current Automotive Relay Contact Current Class	>50A
High Current Automotive Relay Contact Arrangement	1 Form X (NO, Bridging)

Mechanical Attachment

Mounting Type	Screw
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Other

High Power Relays (>75A)	Yes
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

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 # 282080-1
AMP SUPERSEAL 1.5 SERIES 2P PL

TE Part # 282110-1
MINI MIC RCPT CONTACT

TE Part # 58583-1
PROCRIMP HT&D SUPRSEAL 1.5 SER

TE Part # 281934-2
SINGLE WIRE SEAL



Customers Also Bought



Documents

Product Drawings
[V23132B2002B200-EV-USBX](#)
English

CAD Files
[3D PDF](#)
3D
Customer View Model
[ENG_CVM_CVM_5-1414968-1_A.2d_dxf.zip](#)
English
Customer View Model
[ENG_CVM_CVM_5-1414968-1_A.3d_igs.zip](#)
English
Customer View Model
[ENG_CVM_CVM_5-1414968-1_A.3d_stp.zip](#)
English

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5-1414968-1

Automotive High Current Relays, 12VDC Rated Coil Voltage, >50A, 1 Form X (NO, Bridging), Resistor in Parallel



Datasheets & Catalog Pages

High Current Relay 150, High Current Devices, High Current Solutions

English