6-1416200-7 ✔ ACTIVE

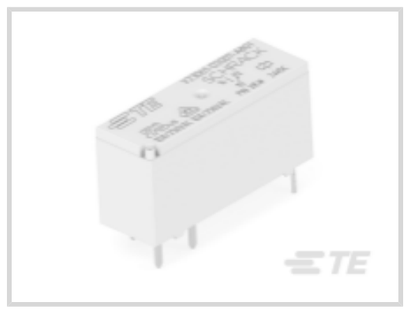
SCHRACK

TE Internal #: 6-1416200-7

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 8 A Contact Rating, 24 VDC Coil Voltage, 250 VAC Contact Voltage, .254 W Coil Power

View on TE.com >

Relays & Contactors > Electromechanical Relays






Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Contact Current Rating: **8 A**

Features

Contact Features

Contact Material	AgNi90/10

Dimensions

Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	10 mm[.393 in]
Product Length	30 mm[1.18 in]
Product Height	15 mm[.59 in]

Packaging Features

Packaging Method	Tube

Other

Coil Power Rating Class	.2 – .3 W
Contact Current Class	16 A
Environmental Ambient Temperature Class	70 – 85 °C
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	8 – 10 mm

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Body Features

Product Weight	9.4 g[.388 oz]
Enclosure Type	Flux Resistant Automatic Soldering

Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Contact Limiting Making Current	10 A
Contact Limiting Continuous Current	10 A
Contact Limiting Breaking Current	10 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	100mA @ 12V
Coil Resistance	2270 Ω
Contact Current Rating	8 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.254 W
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms

Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form C SPDT-CO

Operation/Application

Solder Process	Wave Solder
Current Type	DC
Coil Magnetic System	Monostable

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 6-1416200-6
V23061-D2005-A801



TE Part # 6-1416200-8
V23061-D2008-A801

Customers Also Bought



TE Part #CAT-SCH691-SR1B
Force Guided Relay with 6 contacts



TE Part #5146888-1
1FHP,64,30A/S,S,C,S10,12,13,15



TE Part #166052-1
TD 20 F CRIMP SOCKET WIRE SIZE



TE Part #2-1445093-6
MICRO MNL HDR ASSY S/ROW AU LF



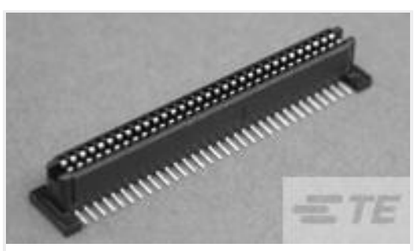
TE Part #3-641208-5
05P MTA156 HDR ASSY FL ST LF



TE Part #280390-2
2X8P MODU II SHRD HDR,RT ANG, 0.38AU



TE Part #5-146253-7
14 MODII HDR DRST B/A .100CL LF



TE Part #5146893-1
1FHR,64,30A/S,S,C,S08,09,10

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-1416200-7_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-1416200-7_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6-1416200-7_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Miniature Power PCB Relay MSR

English

Agency Approvals

UL

English