

8-1415536-6 ✓ ACTIVE

SCHRACK | SCHRACK 41083

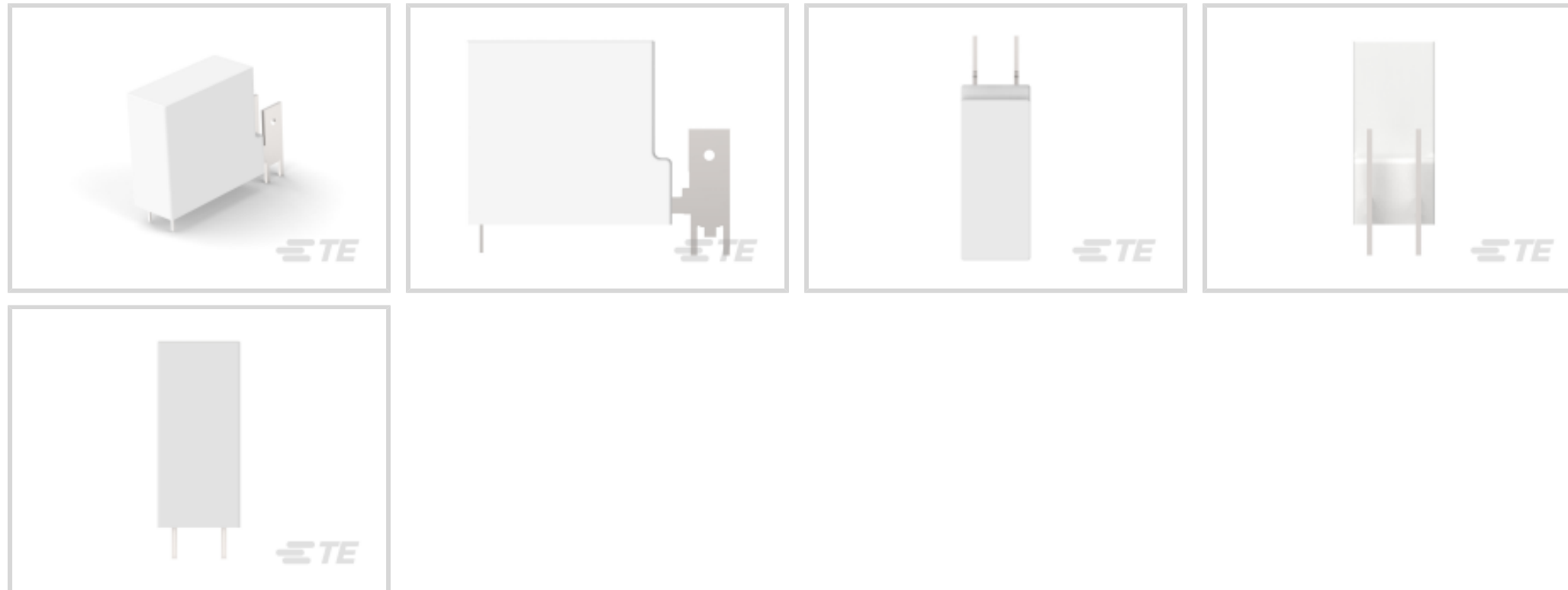
TE Internal #: 8-1415536-6

Power Relays, Standard, Monostable, 360 mW Coil Power Rating DC, 1600  $\Omega$  Coil Resistance, UL Coil Insulation Class F, SCHRACK 41083

[View on TE.com >](#)



Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **360 mW**

Coil Resistance: **1600  $\Omega$**

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

## Features

### Product Type Features

Relay Type	Standard
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### Configuration Features

Insulation Special Features	8000V Initial Surge Withstand Voltage between Contacts & Coil, Tracking Index of Relay Base PTI250
Contact Special Features	3mm Contact Gap, Bridging Contacts
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form X (NO, Bridging)
Contact Number of Poles	1

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	2000 Vrms
Contact Limiting Making Current	20 A
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms



Contact Limiting Breaking Current	16 A
Coil Power Rating DC	360 mW
Coil Resistance	1600 $\Omega$
Coil Voltage Rating	24 VDC
Contact Current Rating	16 A
Contact Switching Voltage (Max)	300 VDC
Contact Voltage Rating	250 VAC

### Body Features

Product Weight	24 g[.847 oz]
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### Contact Features

Contact Material	AgNi
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### Termination Features

Relay Connection Type	Terminals
Terminal Configuration	Quick Connect Terminals

### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.5 mm[.492 in]
Product Length	40.5 mm[1.59 in]
Product Height	28.5 mm[1.12 in]

### Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
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### Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

### Packaging Features

Packaging Method	Tray
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### Other

Length Class (Mechanical)	40 - 50 mm
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Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V, 4000 V, 4000 - 5000 V
Environmental Ambient Temperature Class	-20 - 85 °C
Insulation Creepage Class	5.5 - 8 mm
Insulation Clearance Class	5 - 8 mm
Height Class (Mechanical)	25 - 30 mm
Coil Power Rating Class	300 - 400 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: JAN 2024 (240) 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

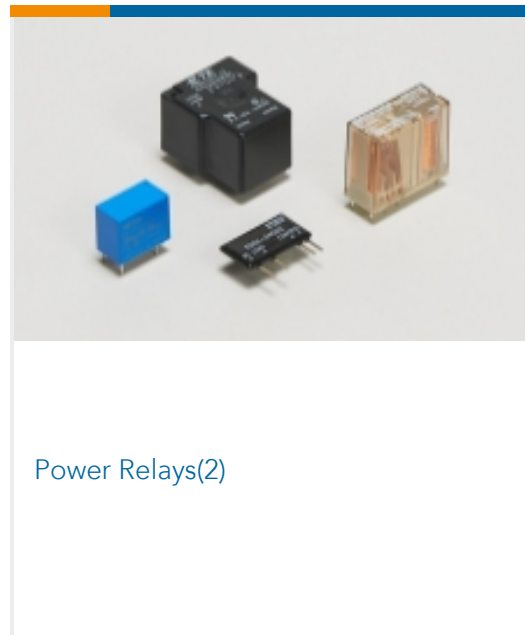
### Product Compliance Disclaimer

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>

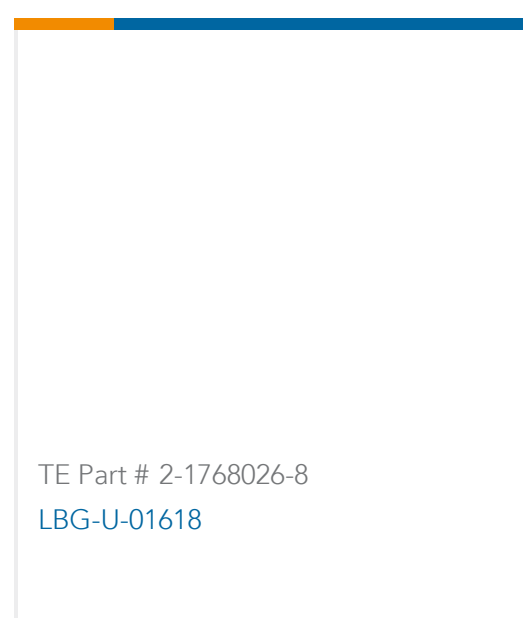
## Compatible Parts



Also in the Series | **SCHRACK 41083**



Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1415536-6\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1415536-6\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1415536-6\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### Power Relay 41083 3mm

English

### Product Specifications

#### Definitions General Purpose Relays

English

### Agency Approvals

#### VDE Certificate

English