# 2-1415538-6 - ACTIVE

# SCHRACK | SCHRACK Miniature Power PCB Relay PB

TE Internal #: 2-1415538-6 Power Relays, Standard, Monostable, DC, 526 mW Coil Power Rating DC, 274  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB

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Relays, Contactors & Switches > Relays > Power Relays



# Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating Class: 500 – 600 mW

Coil Power Rating DC: 526 mW

Coil Resistance: 274  $\Omega$ 

# Features

### **Product Type Features**

 Power Relay Type
 Standard

 Electrical Characteristics
 Insulation Initial Dielectric Between Coil & Contact Class
 1500 – 2500 V



Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Insulation Creepage Between Contact & Coil	5 mm[.197 in]
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	500 – 600 mW
Coil Power Rating DC	526 mW
Coil Resistance	274 Ω
Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Power Relays, Standard, Monostable, DC, 526 mW Coil Power Rating DC, 274  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB



# **Body Features**

Contact Arrangement       1 Form A (NO)         Contact Current Class       5–10 A, 16 A         Contact Current Rating (Max)       10 A         Contact Material       AgNi90/10         Contact Number of Poles       1         Relay Terminal Type       PCB-THT         Mechanical Attachment       Version of Poles         Printed Circuit Board       Printed Circuit Board         Dimensions       14–16 mm         Insulation Clearance Class       25–4 mm         Height Class (Mechanical)       14–20 mm         Insulation Clearance Retween Contact & Coil       4 mm(.157 in]         Width Class (Mechanical)       12–16 mm         Product Height       15 mm(.591 in]         Product Height       15 mm(.591 in]         Product Height       20 mm(.187 in]         Product Height       5 °C[185 °F]         Environmental Ambient Temperature (Max)       85 °C[185 °F]         Packaging Features       Version (Max)         Product Compliance       Tube				
Contact Arrangement       1 Form A (NO)         Contact Current Class       5 – 10 A, 16 A         Contact Current Rating (Max)       10 A         Contact Number of Poles       1         Relay Terminal Type       PCB THT         Mechanical Attachment       PCB THT         Printed Clicuit Board       Pointed Clicuit Board         Dimensions       14 – 16 mm         Insulation Clearance Class       2.5 – 4 mm         Height Class (Mechanical)       14 – 16 mm         Insulation Clearance Class       2.5 – 4 mm         Height Class (Mechanical)       12 16 mm         Insulation Clearance Between Contact & Coill       4 mm(157 in]         Width Class (Mechanical)       12 16 mm         Insulation Clearance Between Contact & Coill       4 mm(157 in]         Width Class (Mechanical)       12 16 mm         Product Height       15 mm(.591 in]         Product Height       20 mm(.787 in]         Product Height       20 mm(.787 in]         Provinonmental Ambient Temperature Class       70 – 85 °C         Provinonmental Ambient Temperature Max)       85 °C(185 °F]         Preckaging Method       Tube         Product Compliance       Freckaging Method         FU KoHS Directive 2011/65/FU       C	ex of Relay Base PTI250	Tracking In	lation Special Features	Insulation Spe
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Power Relays, Standard, Monostable, DC, 526 mW Coil Power Rating DC, 274  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

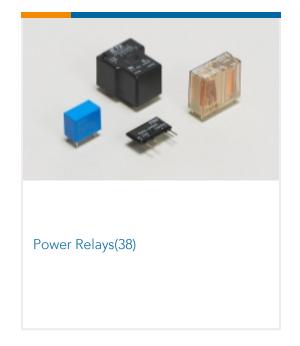
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





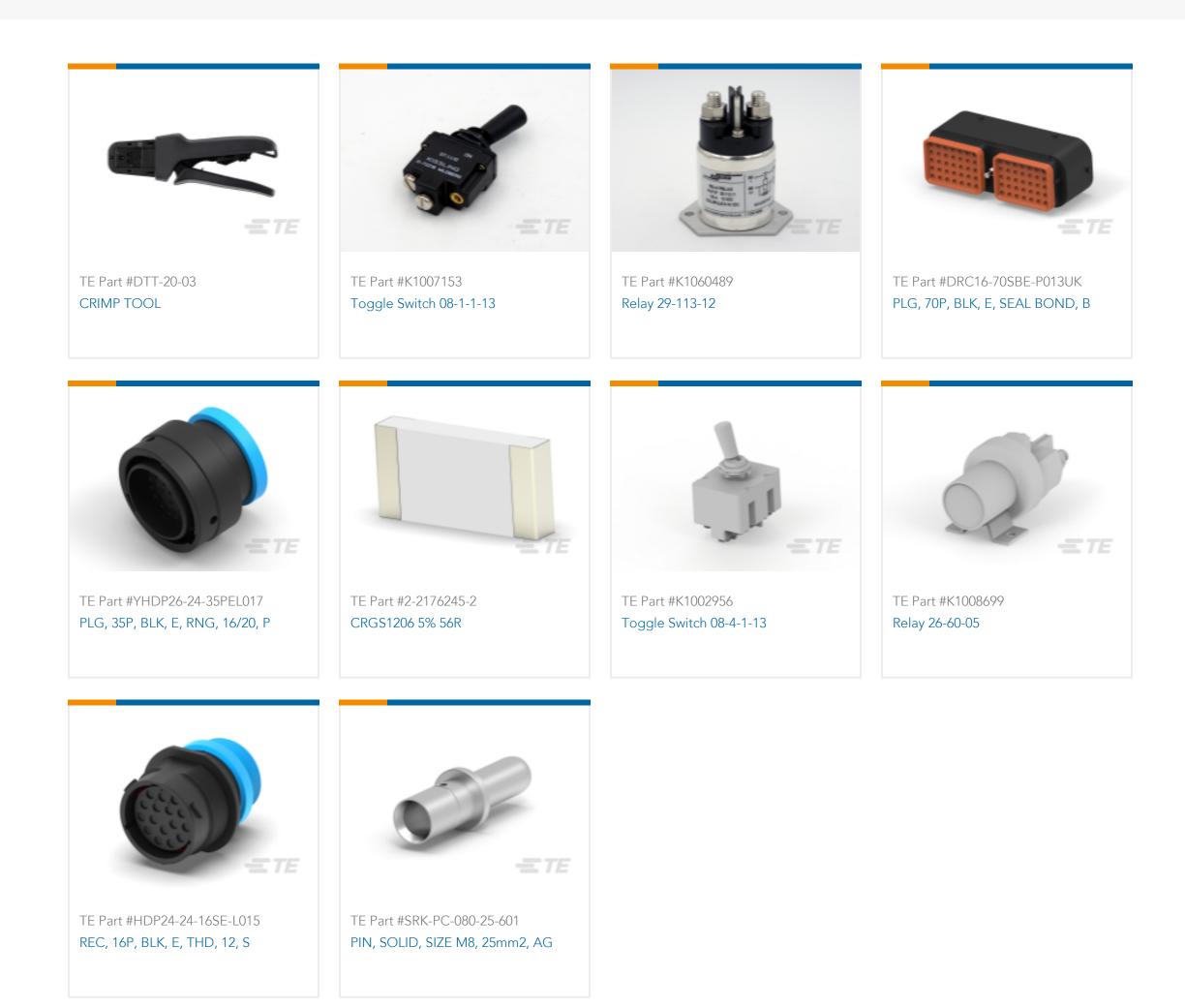
# Also in the Series | SCHRACK Miniature Power PCB Relay PB



# **Customers Also Bought**

Power Relays, Standard, Monostable, DC, 526 mW Coil Power Rating DC, 274  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB





# Documents

### **CAD** Files

**Customer View Model** 

ENG\_CVM\_CVM\_2-1415538-6\_A1.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1415538-6\_A1.2d\_dxf.zip

English

#### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1415538-6\_A1.3d\_igs.zip

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Datasheets & Catalog Pages Definitions General Purpose Relays

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Power Relays, Standard, Monostable, DC, 526 mW Coil Power Rating DC, 274  $\Omega$  Coil Resistance, 12 VDC Coil Voltage, SCHRACK Miniature Power PCB Relay PB

