SCHRACK | SCHRACK Miniature PCB Relay PE bistable

TE Internal #: 2-1419142-2

Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 45 Ω Coil Resistance, 3 VDC Coil Voltage, SCHRACK

Miniature PCB Relay PE bistable

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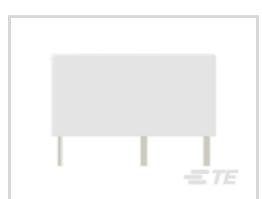


Relays & Contactors > Relays > Power Relays











Power Relay Type: Standard

Coil Magnetic System: Monostable, DC

Coil Power Rating DC: 200 mW

Coil Resistance: 45Ω

Coil Voltage Rating: 3 VDC

Features

Product Type Features

Power Relay Type	Standard
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Creepage Class	3 – 5.5 mm
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	10000000 ΜΩ
Insulation Creepage Between Contact & Coil	4 mm[.157 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC



Coil Resistance 45 Ω Coil Voltage Rating 3 VDC Contact Switching Voltage (Max) 400 VAC Contact Voltage Rating 250 VAC Body Features Insulation Special Features Tracking Index of Relay Base PT230 Product Weight 5 gl.1764 o.) Contact Features Contact Current Class 16 A Contact Current Class 16 A Contact Material AgN90/10 Contact Number of Poles 1 Relay Terminal Type PCB THT Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) 16 20 mm Insulation Clearance Class 2.5 – 4 mm Insulation Clearance Between Contact & Coil 3.2 mmi.126 inl Width Class (Mechanical) 8 – 10 mm Product Length 20 mm/,787 inj Product Length 20 mm/,787 inj Product Length 10 mm/,394 ini Product Height 20 mm/,787 inj Product Height 2	Coil Power Rating DC	200 mW
Contact Switching Voltage (Max) 250 VAC Contact Voltage Rating 250 VAC Body Features Tracking Index of Relay Base PTI250 Product Weight 5 g(1764 ez) Contact Features 1 Form C (CO) Contact Arrangement 1 Form C (CO) Contact Current Class 16 A Contact Material AgNi90/10 Contact Material AgNi90/10 Contact Number of Poles 1 Relay Terminal Type PCB-THT Mechanical Attachment Printed Circuit Board Dimensions 16 – 20 mm I length Class (Mechanical) 16 – 20 mm I length Class (Mechanical) 9 – 10 mm Insulation Clearance Between Contact & Coil 3 2 mm, 126 inj Width Class (Mechanical) 8 – 10 mm Product Width 10 mm, 394 inj Product Width 10 mm, 394 inj Product Height 10 mm,		45 Ω
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Insulation Special Features Product Weight 5 g[.1764 oz] Contact Features Contact Arrangement 1 Form C (CO) Contact Current Class 16 A Contact Material Agnicol Poles 1 A		400 VAC
Insulation Special Features Product Weight 5 g[.1764 oz] Contact Features Contact Arrangement 1 Form C (CO) Contact Current Class 16 A Contact Material AgNi90/10 Contact Material Peatures Contact Number of Poles 1 PCB-IIII Mechanical Attachment Relay Herminal Type PCB-IIII Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) 16 – 20 mm Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) 9 – 10 mm Insulation Clearance Between Contact & Coil 3.2 mm[.126 in] Width Class (Mechanical) 8 – 10 mm Product Width 10 mm[.394 in] Product Length Product Length 10 mm[.394 in] Product Height Usage Conditions Environmental Ambient Temperature (Max) 85 °C [185 °F] Packaging Features		250 VAC
Product Weight 5 g[.1764 oz] Contact Features Contact Arrangement 1 Form C (CO) Contact Current Class 16 A Contact Current Rating (Max) 5 A Contact Material AgNi90/10 Contact Number of Poles 1 Relay Terminal Type PCB-THT Mechanical Attachment Relay Mounting Type Printed Circuit Roard Dimensions Length Class (Mechanical) 16 – 20 mm Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) 9 – 10 mm Insulation Clearance Between Contact & Coil 3.2 mm, 126 in Width Class (Mechanical) 8 – 10 mm Product Beight 10 mm, 394 in Product Height 10 mm, 394 in Usage Conditions Lenythornmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Body Features	
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Mechanical Attachment Relay Mounting Type Printed Circuit Board Dimensions Length Class (Mechanical) Insulation Clearance Class 2.5 – 4 mm Height Class (Mechanical) Product Clearance Between Contact & Coil 3.2 mm[.126 in] Width Class (Mechanical) Product Width 10 mm[.394 in] Product Length Product Length Product Height Usage Conditions Environmental Ambient Temperature Class To – 85 °C Environmental Ambient Temperature (Max) Packaging Features	Contact Number of Poles	1
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Length Class (Mechanical) Insulation Clearance Class Height Class (Mechanical) Insulation Clearance Between Contact & Coil Insulation Clearance Between Contact & Coil Width Class (Mechanical) Product Width Product Width Product Length Product Length Product Height Usage Conditions Environmental Ambient Temperature Class Fackaging Features	Mechanical Attachment	
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Insulation Clearance Between Contact & Coil Width Class (Mechanical) Product Width 10 mm[.394 in] Product Length 20 mm[.787 in] Product Height 10 mm[.394 in] Usage Conditions Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) Packaging Features	Insulation Clearance Class	2.5 – 4 mm
Width Class (Mechanical) Product Width 10 mm[.394 in] Product Length 20 mm[.787 in] Product Height 10 mm[.394 in] Usage Conditions Environmental Ambient Temperature Class Environmental Ambient Temperature (Max) Packaging Features 8 – 10 mm 394 in] 70 – 85 °C 85 °C[185 °F]	Height Class (Mechanical)	9 – 10 mm
Product Width 10 mm[.394 in] Product Length 20 mm[.787 in] Product Height 10 mm[.394 in] Usage Conditions Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Insulation Clearance Between Contact & Coil	3.2 mm[.126 in]
Product Length 20 mm[.787 in] Product Height 10 mm[.394 in] Usage Conditions Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Width Class (Mechanical)	8 – 10 mm
Product Height 10 mm[.394 in] Usage Conditions Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Product Width	10 mm[.394 in]
Usage Conditions Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Product Length	20 mm[.787 in]
Environmental Ambient Temperature Class 70 – 85 °C Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Product Height	10 mm[.394 in]
Environmental Ambient Temperature (Max) 85 °C[185 °F] Packaging Features	Usage Conditions	
Packaging Features	Environmental Ambient Temperature Class	70 – 85 °C
	Environmental Ambient Temperature (Max)	85 °C[185 °F]
Packaging Method Carton, Tube	Packaging Features	
	Packaging Method	Carton, Tube



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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 PCB Relay PE bistable





Customers Also Bought



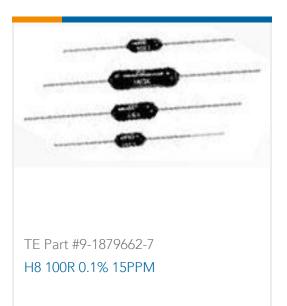
TE Part #5177986-5 0.8FH,P05H.5,120,08/Sn,TR,SC



TE Part #281698-3 HEADER HE14 RA 3 P















Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-1419142-2_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1419142-2_C2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-1419142-2_C2.2d_dxf.zip

Power Relays, Standard, Monostable, DC, 200 mW Coil Power Rating DC, 45 Ω Coil Resistance, 3 VDC Coil Voltage, SCHRACK Miniature PCB Relay PE bistable



English

3D PDF

3D

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Datasheets & Catalog Pages

Miniature PCB Relay PE

English

Product Specifications

Definitions General Purpose Relays

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Agency Approvals

VDE Certificate

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