

1416200-9 Product Details



1416200-9



Mid-Range PC Board Relays



[Converted to EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- MSR Series
- Contact Arrangement = 1 Form C, SPDT, 1 C/O
- Contact Current Rating = 8 Amps.
- Monostable Coil Magnetic System
- Without Coil Suppression Diode

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [Miniature Power PCB Relay MSR](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Termination Type](#) = Through Hole
- Comment = High Inrush Current, 65A; TV4 Rating

Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 8
- [Coil Resistance \(?\)](#) = 15265
- [Coil Power, Nominal \(mW\)](#) = 220
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.22
- [Input Voltage \(VDC\)](#) = 60
- Dielectric Strength - Coil Contacts (V rms) = 4000
- Coil Rating = Sensitive

Body Related Features:

- [Series](#) = MSR
- Polarized = No
- Enclosure Color = White

Contact Related Features:

- [Mounting Options](#) = PC Board, Socket
- [Enclosure](#) = Immersion Cleanable
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Tin Oxide
- Approx. Dimensions (L x W x H) (mm [in]) = 30.00 x 10.00 x 15.00 [1.182 x .394 x .591]
- Contact Type = Single
- Pin Configuration = Industry Standard 3.2mm

Housing Related Features:

- Version = Pinning 3.2mm, Version for IEC 60335-1 (domestic appliances)
- Pick-Up (V) = 42
- Drop-Out (V) = 6

Configuration Related Features:

- [Contact Arrangement](#) = 1 Form C, SPDT, 1 C/O
- [Coil Magnetic System](#) = Monostable
- [Coil Suppression Diode](#) = Without
- [Coil Selection Criteria](#) = Nominal Voltage
- Coil Latching = Without
- [LED Indicator](#) = Without
- Number of Coils = 1

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240C, Wave solder capable to 260C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive
- Coil Insulation Classification = UL Class A

Packaging Related Features:

- Packaging Method = Plastic Bar

Other:

- Electrical Spacing = 8.0mm Clearance 8.0mm Creepage

- Wiring Diagram= 1 FormC
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1
- Brand = Schrack

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