


SR4D4024 Product Details



SR4D4024

TE Internal Number: 3-1415055-1

 Active

 [View 3D PDF](#)

Force Guided Contact Relays

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

Product Highlights:

- SR4 D/M Series
- Contact - Rated Current = 8 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 2 Form A (NO) + 2 Form B (NC)
- Contact - Limiting Continuous Current = 8 A

Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [Safety Relay SR4 D/M](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version SEK1)
- [3D Model](#) (IGES, Version SEK1)
- [3D Model](#) (STEP, Version SEK1)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Series](#) = SR4 D/M
- [Terminal Type](#) = PCB-THT

Electrical Characteristics:

- Contact - Rated Current (A) = 8
- Contact - Limiting Continuous Current (A) = 8
- Contact - Limiting Making Current (A) = 8
- Contact - Limiting Breaking Current (A) = 8
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1500
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 8
- Coil - Rated Voltage (VDC) = 24
- [Coil - Resistance](#) (Ω) = 720
- Coil - Rated Power, DC (mW) = 800
- Coil - Rated Power Class = 600mW to 800mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2500
- Insulation - Clearance Class = >8mm Class
- Insulation - Creepage Class = >8mm Class

Dimensions:

- Length (mm [in]) = 40.00 [1.575]
- Width (mm [in]) = 13.00 [0.512]
- Height (mm [in]) = 16.50 [0.650]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 10 [0.394]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 10 [0.394]

Body Features:

- [Mount Type](#) = PCB
- [Weight](#) (g [oz]) = 30.00 [1.058]

Contact Features:

- [Contact Material](#) = AgSnO
- [Contact - Number of Poles](#) = 4
- [Contact - Special Features](#) = Force Guided Contacts

Configuration Features:

- [Contact - Arrangement](#) = 2 Form A (NO) + 2 Form B (NC)
- [Coil - Magnetic System](#) = Monostable, DC

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C
- [RoHS/ELV Compliance History](#) = Converted to comply with RoHS directive
- [Approved/Registered Standards](#) = CQC, TUEV, cULus, VDE

Environmental:

- [Environmental - Category of Protection](#) = RTIII
- [Environmental - Ambient Temperature, Max.](#) ($^{\circ}\text{C}$ [$^{\circ}\text{F}$]) = 70 [158]
- [Environmental - Ambient Temperature Class](#) = 50°C to 70°C Class

Packaging Features:

- [Packaging Method](#) = Tube

Other:

- [Brand](#) = Schrack