



T9AS1D14-24 Product Details

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Active

Industrial Relays (General Purpose)

T9AS1D14-24

T9AS1D14-24 (6-1423091-3)

TE Internal Number: 6-1423091-3

Product Highlights [View All](#)

- T9A Series
- Contact - Current Class = 20A to 30A Class, Greater Than 16A
- Contact - Rated Current = 30 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

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Please Note:

Use the Product Drawing for all design activity

Electrical Characteristics	
Contact - Current Class	20A to 30A Class, Greater Than 16A
Contact - Rated Current (A) [?]	30
Contact - Limiting Continuous Current (A)	30
Contact - Limiting Making Current (A)	30
Contact - Limiting Breaking Current (A)	30
Insulation - Initial Dielectric Between Coil/Contact Class	1500V to 2500VA Class
Insulation - Initial Dielectric Between Open Contacts (V rms)	1500
Insulation - Initial Dielectric Between Contacts and Coil (V rms)	2500
Contact - Rated Voltage (VAC)	277
Contact - Switching Voltage Max. (VAC)	277
Contact - Limiting Short-Time Current (A)	30
Contact - Switching Recommended Load, Min.	1000mA at 5V
Coil - Rated Voltage (VDC)	24
Coil - Resistance (Ω) [?]	576
Coil - Rated Power, DC (mW) [?]	1000
Coil - Rated Power Class	800mW to 1000mW Class
Insulation - Initial Insulation Resistance (MΩ)	1000000
Insulation - Creepage Class	5.5mm to 8mm Class
Insulation - Clearance Class	2.5mm to 4mm Class
Insulation - Special Features	6000V Initial Surge Withstand Voltage between Contacts and Coil

Dimensions	
Mechanical - Length Class	30mm to 35mm Class
Length (mm [in])	32.50 [1.281]
Mechanical - Width Class	25mm to 30mm Class
Width (mm [in])	27.40 [1.079]
Mechanical - Height Class	25mm to 30mm Class
Height (mm [in])	27.90 [1.098]
Insulation - Clearance Between Contact and Coil (mm [in])	3.18 [0.125]
Insulation - Creepage Between Contact and Coil (mm [in])	6.36 [0.25]

Body Features	
Mount Type	PCB
Weight (g [oz])	26.00 [0.918]

Contact Features	
Terminal Type	PCB-THT
Contact Material	AgSnOInO
Contact - Number of Poles	1

Configuration Features	
Contact - Arrangement [?]	1 Form A (NO)
Coil - Magnetic System [?]	Monostable, DC
Coil - Special Features	UL Coil Insulation Class F

Industry Standards	
RoHS/ELV Compliance [?]	RoHS compliant, ELV compliant
Lead Free Solder Processes [?]	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
Approved/Registered Standards	UL, CSA

Environmental	
Environmental - Category of Protection	RTIII
Environmental - Ambient Temperature, Max. (°C [°F])	85 [185]
Environmental - Ambient Temperature Class	70°C to 85°C Class

Packaging Features	
Packaging Method	Tray

Other	
Series [?]	T9A
Brand	Potter & Brumfield

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