

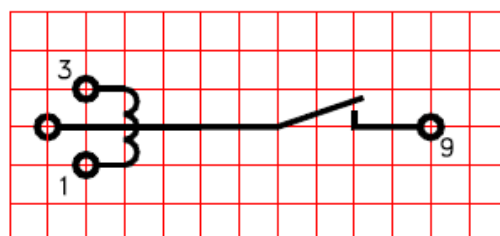
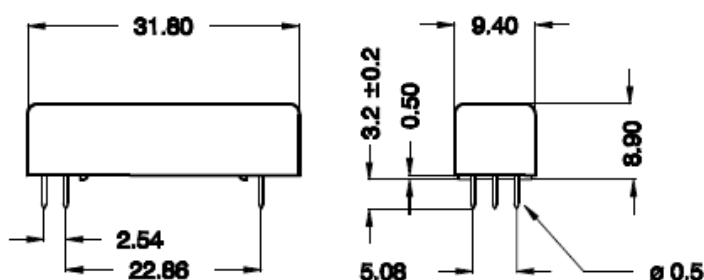
Professionally approved products.

## Datasheet

# SPST-NO Reed Relay, 1 A, 48V dc

RS Stock number [291-9631](#)

Dimensions: mm



Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		10800	12000	13200	kΩ
Nominal Voltage			48		VDC
Nominal Rated Power			192		mW
Operate Voltage				33,6	VDC
Release Voltage		7,2			VDC

Contact Data 72 (Form A/dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			15	W
Switching Voltage	DC or Peak AC			200	V
Switching Current	DC or Peak AC			1,0	A
Carry Current	DC or Peak AC			1,25	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	mΩ
Insulation Resistance	RH 45%	10 <sup>12</sup>			Ω
Breakdown Voltage		250			VDC
Operate Time, including Bounce	Measured with Nominal Voltage			0,5	ms
Release Time	Measured with no coil suppression			0,2	ms
Capacitance			0,2		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10			GΩ
Dielectric Strength Coil to Contact		2,0			kV DC
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 50 - 2000 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		70	°C
Storage Temperature	10°C/min max. allowable	-25		85	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning					
Material of Case					fully sealed
Sealing Compound					Metal shielding
Material of Pins					Epoxy resin
Remarks					Cu-alloy tinned