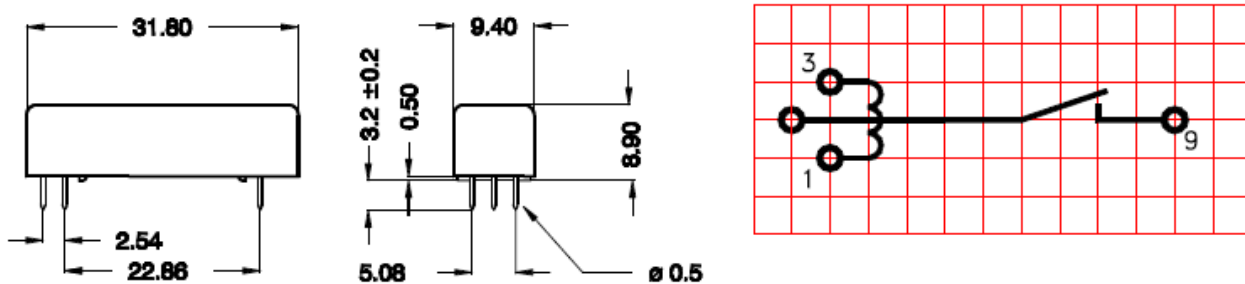


Datasheet

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 ¹²		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			fully sealed	
Material of Case			Metal shielding	
Sealing Compound			Epoxy resin	
Material of Pins			Cu-alloy tinned	
Remarks				