



Products for tomorrow

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Reed Relay: B05-1A72-BV619
291 - 9619
Part Number: 3405172619

Dimensions (mm)

Layout 110 / Pitch 2,54 mm / Top View

Marking

RS-Id. Nr.
 Production-Code-EN60062
 /Factory Code

Pins: Ø 0,5 mm / L 3,2 ± 0,2 mm

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		310	345	380	kΩ
Nominal Voltage			5		VDC
Nominal Rated Power			72		mW
Operate Voltage				3,5	VDC
Release Voltage		0,75			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				

Customer	RS Components
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