



Products for tomorrow...

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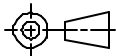
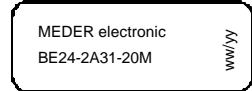
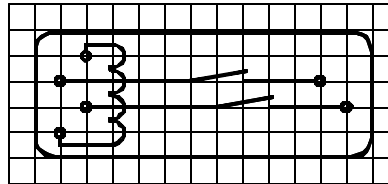
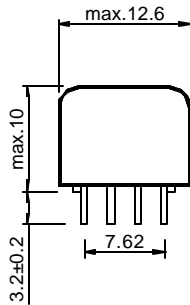
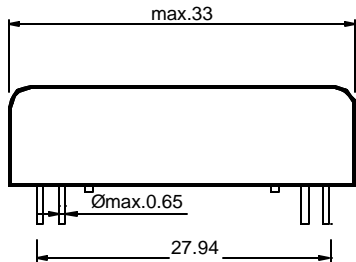
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Reed Sensor: BE24-2A31-20M

Part Number: 8824231020

Dimensions (mm) unspecified tolerances +/- 0.1mm

Layout / Pitch 2.54 mm / Top View Marking



Pins: Ø 0,65 mm / L 3.2 ± 0,2 mm

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		1440	1600	1760	Ω
Nominal Voltage			24		VDC
Nominal Rated Power			360		mW
Operate Voltage				16.8	VDC
Release Voltage		3.6			VDC

Contact Data 31 (Form A/wetted)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			50	W
Switching Voltage	DC or Peak AC			1000	V
Switching Current	DC or Peak AC			2.0	A
Carry Current	DC or Peak AC			3.0	A
Static Contact Resistance (initial)	Measured with 40% overdrive			80	mΩ
Insulation Resistance	RH 45%	10 ¹⁰			Ω
Breakdown Voltage		1.5			kVDC
Operate Time, including Bounce	Measured with 40% overdrive			1.2	ms
Release Time				1.0	ms
Capacitance			0.3		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10 ¹²			Ω
Dielectric Strength Coil to Contact		2.0			kV DC
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		55	°C
Storage Temperature	10°C/min max. allowable	-35		105	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case				Metal	
Sealing Compound				Polyurethane	
Material of Pins				Cu-alloy tinned	
Remarks					

Customer / Customer part number	Standard Product
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