



*Products for tomorrow...*

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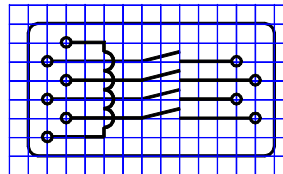
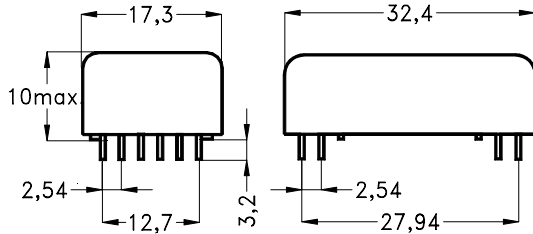
Reed Relay: BE24-4A31-M

Part Number: 8824431200

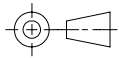
**Dimensions (mm)**

**Layout / Pitch** 2,54 mm / Top View

**Marking**



MEDER-Label  
 Type  
 Layout  
 Production-  
 Code-  
 EN60062  
 /Factory Code



Pins:  $\varnothing$  0,65 mm / L 3,2 ± 0,3 mm

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		887	985	1083	$\Omega$
Nominal Voltage			24		VDC
Nominal Rated Power			585		mW
Thermal Resistance			47		K / W
Operate Voltage				16,8	VDC
Release Voltage		2,0			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			500	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 Nominal Voltage			80	m $\Omega$
Insulation Resistance	RH 45%	$10^{10}$			$\Omega$
Breakdown Voltage		1500			VDC
Operate Time	Measured with Nominal Voltage			1,2	ms
Release Time	Measured with no coil suppression			1,0	ms
Capacitance			0,3		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	$10^{12}$			$\Omega$
Dielectric Strength Coil to Contact		2			kV AC
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		70	°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 / Magnetic Shielding / Fe	
Sealing Compound				Polyurethan	
Material of Pins				Cu-alloy tinned	
Remarks					

Customer / Customer part number	Standard Part
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