



*Products for tomorrow...*

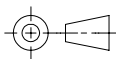
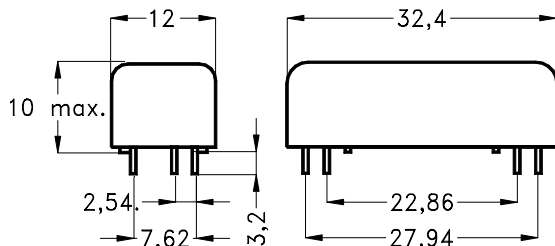
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Reed Relay: BE12-1E74-M

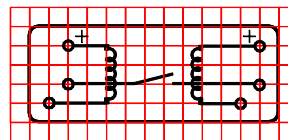
Part Number: 8812174700

**Dimensions (mm)**



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

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



**Marking**

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

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance	W1 W2	4560 4560	5060 5060	5560 5560	$\Omega$
Nominal Voltage			12	18	VDC
Nominal Rated Power			29		mW
Thermal Resistance			56		K / W
Operate Voltage		0,8		8,4	VDC
Release Voltage		0,8		8,4	VDC

Contact Data 74 (Form E/Dry)				
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			30 W
Switching Voltage	DC / AC			200/ 250 V
Switching Current	DC or Peak AC			1 A
Carry Current	DC or Peak AC			2,5 A
Static Contact Resistance (initial)	Measured with Nominal Voltage			120 m $\Omega$
Insulation Resistance	RH 45%	10 <sup>11</sup>		$\Omega$
Breakdown Voltage		430		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 <sup>12</sup>		$\Omega$
Dielectric Strength Coil to Contact		2,0		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	-40		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	Coil polarity must be observed. In the operating of latching relays the contact is closed by the application of a positive pulse ( $\geq 2$ ms) to one of the two coils via the connector marked "+". This condition is maintained until one of the "+" connectors receives a negative pulse ( $\geq 2$ ms).			

Customer / Customer part number	Standard Part
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