



*Products for tomorrow...*

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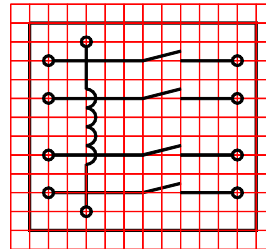
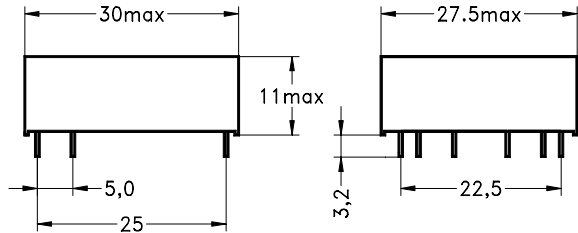
Reed Relay: MRE12-4A71

Part Number: 8212471000

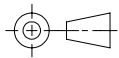
**Dimensions (mm)**

**Layout / Pitch 2,5 mm / Top View**

**Marking**



MEDER-Label  
 Type  
 Layout  
 Prod.-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		430	480	530	$\Omega$
Nominal Voltage			12		VDC
Nominal Rated Power			300		mW
Thermal Resistance			36		K / W
Operate Voltage				9	VDC
Release Voltage		2			VDC

Contact Data 71 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			10	W
Switching Voltage	DC or Peak AC			200	V
Switching Current	DC or Peak AC			0,5	A
Carry Current	DC or Peak AC			1,0	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m $\Omega$
Insulation Resistance	RH 45%	10 <sup>10</sup>			$\Omega$
Breakdown Voltage		300			VDC
Operate Time, including Bounce	Measured with Nominal Voltage			0,5	ms
Release Time	Measured with no coil suppression			0,1	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			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		95	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case				Plastics / Polyamid	
Sealing Compound				Polycarbonat	
Material of Pins				Cu-alloy tinned	
Remarks					

Customer / Customer part number	Standard Part
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