



*Products for tomorrow...*

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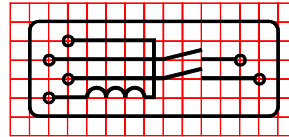
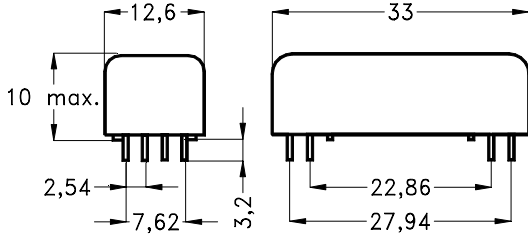
Reed Relay: BE12-2A79-PHI

Part Number: 8812279104

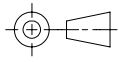
**Dimensions (mm)**

**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		380	420	460	$\Omega$
Nominal Voltage			12		VDC
Nominal Rated Power			343		mW
Thermal Resistance			61		K / W
Operate Voltage				8,4	VDC
Release Voltage		0,7			VDC

Contact Data 79 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			25	W
Switching Voltage	DC or Peak AC			1000	V
Switching Current	DC or Peak AC			1,0	A
Carry Current	DC or Peak AC			2,0	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m $\Omega$
Insulation Resistance	RH 45%	$10^{14}$			$\Omega$
Breakdown Voltage		1500			VDC
Operate Time including Bounce	Measured with Nominal Voltage			0,8	ms
Release Time	Measured with no coil suppression			0,4	ms
Capacitance			0,4		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	$10^{14}$			$\Omega$
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	-40		105	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case				Plastics / Polycarbonat	
Sealing Compound				Polyurethan	
Material of Pins				Cu-alloy tinned	
Remarks	Relay with extremely high insulation resistance.				

Customer / Customer part number	Standard Part
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