



*Products for tomorrow...*

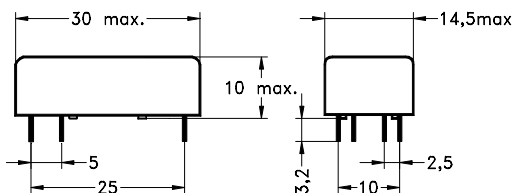
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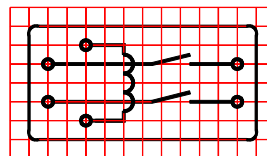
Type: MRE12-2A79-HI

Partnumber: 8212279400

### Dimensions (mm)



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



### Marking

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

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

Coil/Relay Characteristics	Conditions	Min.	Typ.	Max.	Units
Coil Resistance	at 20°C	540	600	660	$\Omega$
Nominal Voltage			12		VDC
Nominal Rated Power			240		mW
Thermal Resistance			70		K / W
Operate Voltage	at 20°C			9,0	VDC
Release Voltage	at 20°C	2,0			VDC

Contact Data 79 (Form A/Dry)					
Contact Material				Rh	
Contact Rating	Any combination of the switching voltage and carry current must not exceed the given rated power			25	W
Switching Voltage	DC or Peak AC			1000	VDC
Switching Current	DC or Peak AC			1	A
Carry Current	DC or Peak AC			2	A
Static Contact Resistance (initial)	Measured with Nominal Voltage at 20°C			150	m $\Omega$
Insulation Resistance	RH $\Omega$ 45%	$10^{14}$			$\Omega$
Breakdown Voltage		2500			VDC
Capacitance			0,4		pF

Relay Data					
Insulation Resistance Coil to Contact	RH $\Omega$ 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
Operate Time including bounce	Measured with Nominal Voltage at 20°C		1,0		ms
Release Time	Measured with no coil suppression		0,4		ms

General Data					
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
Washability				fully sealed	
Material of Case				Plastics / Polycarbonat	
Sealing Compound				Special Potting (Epoxi or Polyurethan)	
Material of Pins				Cu-alloy tinned	
Remarks	Relay with extremely high insulation resistance $\geq 10^{14} \Omega$				