



Products for tomorrow

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Reed Relay: DIL05-2C90-63L

Part Number: 1305290063

Dimensions (mm)	Layout 63L / Pitch 2,54 mm / Top View	Marking
<p>Pins: \varnothing 0,5 mm / L 3,4 \pm 0,3 mm</p>		
MEDER-Label Type Production- Code- EN60062 /Factory Code		

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		135	150	165	Ω
Nominal Voltage			5,0		VDC
Nominal Rated Power			166		mW
Operate Voltage				3,5	VDC
Release Voltage		0,75			VDC

Contact Data 90 (Form C/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			3	W
Switching Voltage	DC or Peak AC			175	V
Switching Current	DC or Peak AC			0,25	A
Carry Current	DC or Peak AC			1,2	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m Ω
Insulation Resistance	RH 45%	10^9			Ω
Breakdown Voltage		200			VDC
Operate Time, including Bounce	Measured with Nominal Voltage			1,0	ms
Release Time	Measured with no coil suppression			1,5	ms
Capacitance			1,0		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10			G Ω
Dielectric Strength Coil to Contact		1,5			KV DC
Shock	$\frac{1}{2}$ 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	-25		85	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case	Glass fibre reinforced polybutylene terephthalate (PBT) self-extinguishing V-0 according to UL94				
Sealing Compound	Epoxy resin				
Material of Pins	Cu-alloy tinned				
Remarks					