

Headquarter Europe MEDER electronic AG Friedrich-List Strasse 6 D-78234 Engen-Welschingen Tel.: +49(0)7733-9487-0

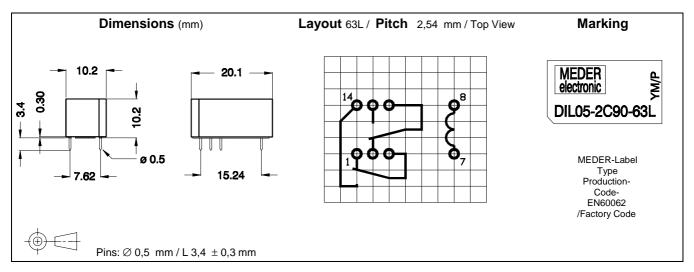
Fax: +49(0)7733-9487-32 eMail: <u>info@meder.com</u> Internet: <u>www.meder.com</u> Headquarter USA MEDER electronic Inc. 766 Falmouth Rd Mashpee, MA 02649

Phone: +1/508-539-0002 Fax: +1/508-539-4088

Fax: +1/508-539-4088 eMail: salesusa@meder.com

Reed Relay: DIL05-2C90-63L

Part Number: 1305290063



Coil/Relay Characteristics	Conditions at 20°C	Min.	Тур.	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	Α
Carry Current	DC or Peak AC			1,2	Α
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	mΩ
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			GΩ		
Dielectric Strength Coil to Contact		1,5			KV DC		
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	-25		85	°C		
Soldering Temperature	5 sec. at			260	°C		
Cleaning			fully sealed				
Material of Case		ass fibre reinforced polybutylene terephtalate (PBT) self-extinguishing V-0 according to UL94					
Sealing Compound			Epoxy resin				
Material of Pins			Cu-alloy tinned				
Remarks		•	•	•			

Modifications in the sense of technical progress are reserved Page 1 of 1 | VPRp-02.doc| REVISION / Rev. No.: 00 | REVISED BY: Werner Kovacs | APPROVED BY: Rudi Rippl | DATE : 11.03.2004 | DATE : DATE :