



Products for tomorrow...

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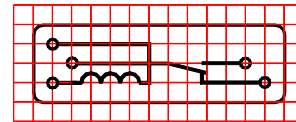
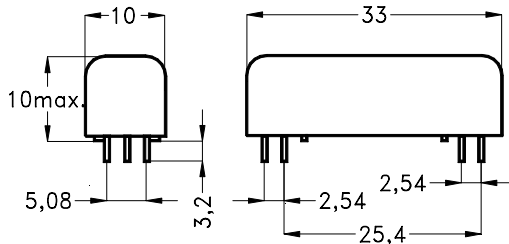
Reed Relay: BE05-1C90-P

Part Number: 8805190100

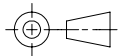
Dimensions (mm)

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		310	345	380	Ω
Nominal Voltage			5		VDC
Nominal Rated Power			72		mW
Thermal Resistance			72		K / W
Operate Voltage				3,5	VDC
Release Voltage		0,5			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			100	V
Switching Current	DC or Peak AC			0,25	A
Carry Current	DC or Peak AC			1	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			2,0	ms
Release Time including Bounce	Measured with no coil suppression			2,0	ms
Capacitance			1,5		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10^{12}			Ω
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					

Customer / Customer part number	general purpose
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