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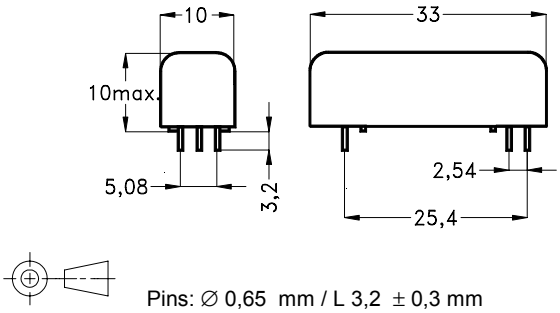
Reed Relay: BE05-1A85-V

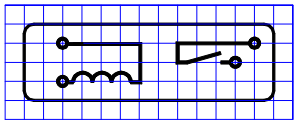
Part Number: 8805185300

Dimensions (mm)



Pins: ∅ 0,65 mm / L 3,2 ± 0,3 mm

Layout / **Pitch** 2,54 mm / Top View



Marking

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

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		310	345	380	Ω
Nominal Voltage			5		VDC
Nominal Rated Power			73		mW
Thermal Resistance			72		K / W
Operate Voltage				3,5	VDC
Release Voltage		0,3			VDC

Contact Data 85 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			100	W
Switching Voltage	DC / AC			350 /300	V
Switching Current	DC or Peak AC			1,0	A
Carry Current	DC or Peak AC			2,5	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	mΩ
Insulation Resistance	RH 45%	10^{10}			Ω
Breakdown Voltage		1500			VDC
Operate Time including Bounce	Measured with Nominal Voltage			1,1	ms
Release Time	Measured with no coil suppression			0,2	ms
Capacitance			0,5		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10^{12}			Ω
Dielectric Strength Coil to Contact		4,5			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	High breakdown voltage between contact and coil.				

Customer / Customer part number	Standard Part