



Products for tomorrow...

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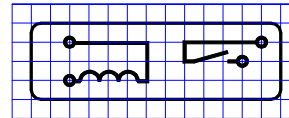
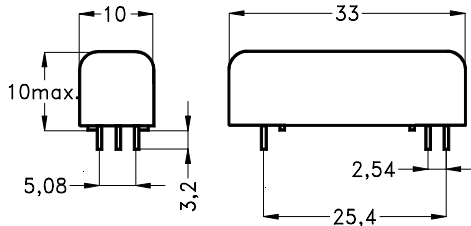
Reed Relay: BE24-1A85-V

Part Number: 8824185300

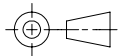
Dimensions (mm)

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		7060	7845	8630	Ω
Nominal Voltage			24		VDC
Nominal Rated Power			73		mW
Thermal Resistance			72		K / W
Operate Voltage				18	VDC
Release Voltage		3,5			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	m Ω
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	general purpose
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