



Products for tomorrow

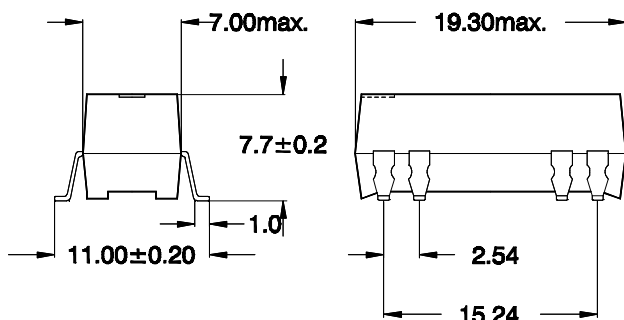
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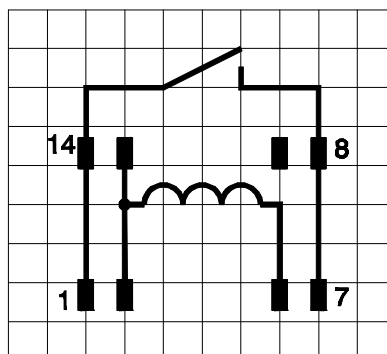
Reed Relay: SMD05-BV10459

Part Number: 2905010459

Dimensions (tolerance $\pm 0,1\text{mm}$)



Layout 12L/ Pitch 2,54 / Top View



Marking

Type -Layout
Production -Code-
EN60062

MEDER electronic
SMD05-BV10459
YW

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		450	500	550	Ω
Nominal Voltage			5,0		VDC
Nominal Rated Power			50		mW
Thermal Resistance			90		K / W
Operate Voltage				3,5	VDC
Release Voltage		0,75			VDC

Contact Data 72(Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			15	W
Switching Voltage	DC or Peak AC			200	V
Switching Current	DC or Peak AC			1,0	A
Carry Current	DC or Peak AC			1,25	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m Ω
Insulation Resistance	RH 45%	10^{10}			Ω
Breakdown Voltage		250			VDC
Operate Time, including Bounce	Measured with Nominal Voltage			0,5	ms
Release Time	Measured with no coil suppression			0,1	ms
Capacitance			0,3		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10^{11}			Ω
Dielectric Strength Coil to Contact		1,5			kV DC
Shock	½ sine wave, duration 11ms			150	g
Vibration	from 10 - 2000 Hz			10	g
Operating Temperature	10°C/min max. allowable	-20		70	°C
Storage Temperature	10°C/min max. allowable	-35		95	°C
Soldering Temperature	only manual soldering 5 sec. at			260	°C
Cleaning					fully sealed
Material of Case					mineral-filled epoxy
Material of Pins					Cu-alloy tinned