2362 SMD 2 Form C Reed Relay

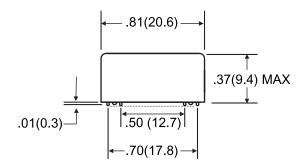


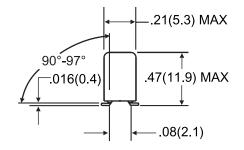
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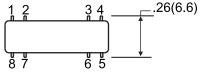
The 2362 is the Surface Mount version of Coto Technology's popular 2342 2 Form C Pico relay. The 2362 offers a proven reed design with longer life than competing 2 Form C EMR product. The 2362 is the ideal solution for automated test, instrumentation and telecommunication applications to increase system reliability and life .

2362 Series Features

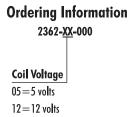
- 2 Form C Contacts
- Hermetically Sealed Contacts
- Long Life / High Reliability
- ♦ Magnetically Shielding Steel Shell
- ♦ Surface Mount Relay







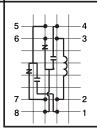
Dimensions in Inches (Millimeters)



2362 SMD 2 Form C Reed Relay

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h. Coil Voltage Resistance+/- 10%, 25° C Must Operate by Must Operate by Must Release byVDC512rate VoltageMust Operate by Must Release byVDC - Max. VDC - Min.3.89.0VDC - Max.3.89.0VDC - Min.0.41.0NTACT RATINGSMax DC/Peak AC Resist. Max DC/Peak AC Resist.Volts100NTACT RATINGSMax DC/Peak AC Resist. Max DC/Peak AC Resist.Volts100tching Current ty Current tact RatingMax DC/Peak AC Resist. Max DC/Peak AC Resist.Amps0.25Max DC/Peak AC Resist. Signal Level 1.0V, 10mAMatts33Expectancy-Typical istance (max. init.)Signal Level 1.0V, 10mAx 10° Ops.100amic Contact istance (max. init.)0.5V, 50mA at 100 Hz, 1.5 msec Ω 0.250AY CCHFICATIONSBetween all Isolated Pins at 100V, 25°C, 40% RH Shield Ω x 10^9 lation Resistance nimum)Between Contacts Shield GuardingVDC/peak AC pF2.0sos Open Contacts nimum)Between Contacts Contact to CoilVDC/peak AC pF200rate Time - including nce - TypicalAt Nominal Coil Voltage, 30 Hz Square Wavemsec.1.5	Parameters	Test Conditions	Units		
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nimum) Contact to Coil VDC/peak AC 1000 rate Time - including At Nominal Coil Voltage, nce - Typical 30 Hz Square Wave 1.5	cross Open Contacts	Shield Guarding	pF	N/A	
nce - Typical 30 Hz Square Wave 11.5	Dielectric Strength ninimum)		<u>^</u>		
ease Time - Typical Zener-Diode Suppression ² msec. 2.0	perate Time - including ounce - Typical	-	msec.	1.5	
	Release Time - Typical	Zener-Diode Suppression ²	msec.	2.0	

Top View ⁴: Dot stamped on top of relay refers to pin #1 location Grid = .1"x.1" (2.54mm x 2.54mm)



Environmental Ratings:

Storage Temp: -35°C to +100°C; Operating Temp: -20°C to +85°C Surface mount component processing temperature: 500°F / 260°C max for 1 minute dwell time. Temperature measured on leads where lead exits molded package. The operate and release voltage and the coil resistance are specified at 25°C. These values vary by approximately 0.4% /°C as the ambient temperature varies. Vibration: 20 G's to 2000 Hz; Shock: 50 G's

Notes:

- ¹ Consult factory for life expectancy at other switching loads. ² Consists of 56V Zener diode and 1N4148
- diode in series, connected in parallel with coil.