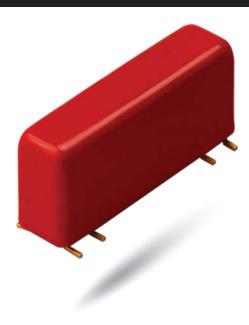
## 2362 SMD 2 FORM C REED RELAY

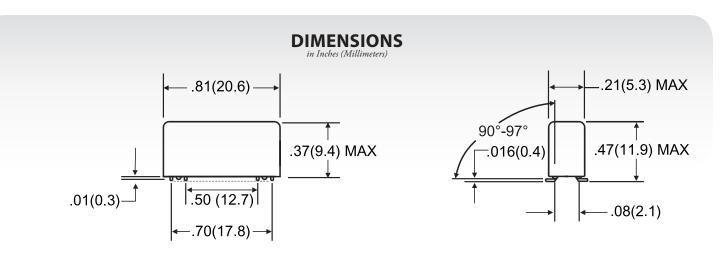


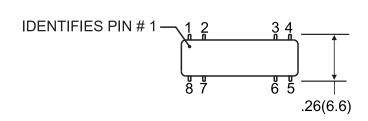
### 2362 Series SMD 2 Form C Reed Relay

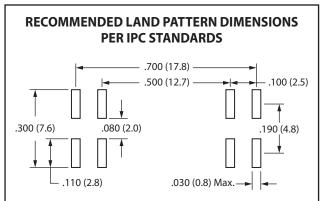
The 2362 is the Surface Mount version of Coto Technology's popular 2342 2 Form C Pico relay. The 2362 offers a proven reed design with longer life than competing 2 Form C EMR products. The 2362 is the ideal solution for automated test, instrumentation and telecommunication applications to increase system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

### 2362 Series Features

- ▶ 2 Form C Contacts
- ▶ Hermetically Sealed Contacts
- ► Long Life / High Reliability
- ► Magnetically Shielding Steel Shell
- ► Surface Mount Relay
- ▶ RoHS compliant







# Ordering Information Part Number 2362-XX-000 Coil Voltage 05=5 volts 12=12 volts

06222015

MODEL NUMBER			2362
Parameters	<b>Test Conditions</b>	Units	2 Form C
COIL SPECS.			
Nom. Coil Voltage		VDC	5 12
Coil Resistance	+/- 10%, 25° C	Ω	175 1000
Operate Voltage	Must Operate by	VDC - Max.	3.8 9.0
Release Voltage	Must Release by	VDC - Min.	0.4 1.0
CONTACT RATINGS			
Switching Voltage	Max DC/Peak AC Resist.	Volts	100
Switching Current	Max DC/Peak AC Resist.	Amps	0.25
Carry Current	Max DC/Peak AC Resist.	Amps	0.5
Contact Rating	Max DC/Peak AC Resist.	Watts	3
Life Expectancy-Typical <sup>1</sup>	Signal Level 1.0V, 10mA	x 10 <sup>6</sup> Ops.	250
Static Contact Resistance (max. init.)	50mV, 10mA	Ω	0.200
Dynamic Contact Resistance (max. init.)	0.5V, 50mA at 100 Hz, 1.5 msec	Ω	0.250
RELAY SPECIFICATIONS			
Insulation Resistance (minimum)	Between all Isolated Pins at 100V, 25°C, 40% RH	Ω	10°
Capacitance - Typical Across Open Contacts	No Shield Shield Guarding	pF pF	2.0 N/A
Dielectric Strength (minimum)	Between Contacts Contacts to Shield Contacts/Shield to Coil	VDC/peak AC VDC/peak AC VDC/peak AC	200 N/A 1000
Operate Time - including bounce - Typical	At Nominal Coil Voltage, 30 Hz Square Wave	msec.	1.5
Release Time - Typical		msec.	2.0
		Top View: elay refers to pin #1 location = .1"x.1" (2.54mm x 2.54mm)	5 6 4 3 7 8

### **Notes:**

### **Environmental Ratings:**

Storage Temp: -35°C to \*100°C; Operating Temp: -20°C to \*85°C Max Relay Temp During Solder Reflow Process: 260°C for 1 minute maximum All electrical parameters measured at 25°C unless otherwise specified.

Vibration: 20 G's to 2000 Hz; Shock: 50 G's

<sup>&</sup>lt;sup>1</sup> Consult factory for life expectancy at other switching loads.