



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

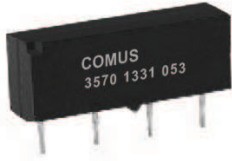
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Part Number: 3570 1331
General Purpose SIP - 1 Form A
Product Data Sheet

PICTURE



FEATURES

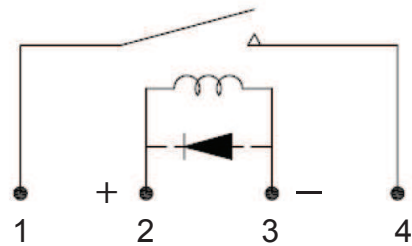
- SIP 1 Form A - 10 W molded dry reed relays
- Low cost switching solutions.
- Industry standard package.
- Optional internal coil suppression diode.
- 5, 12 and 24 volt coils available.
- UL File E358613 US

✓RoHS Compliant

ORDERING INFORMATION

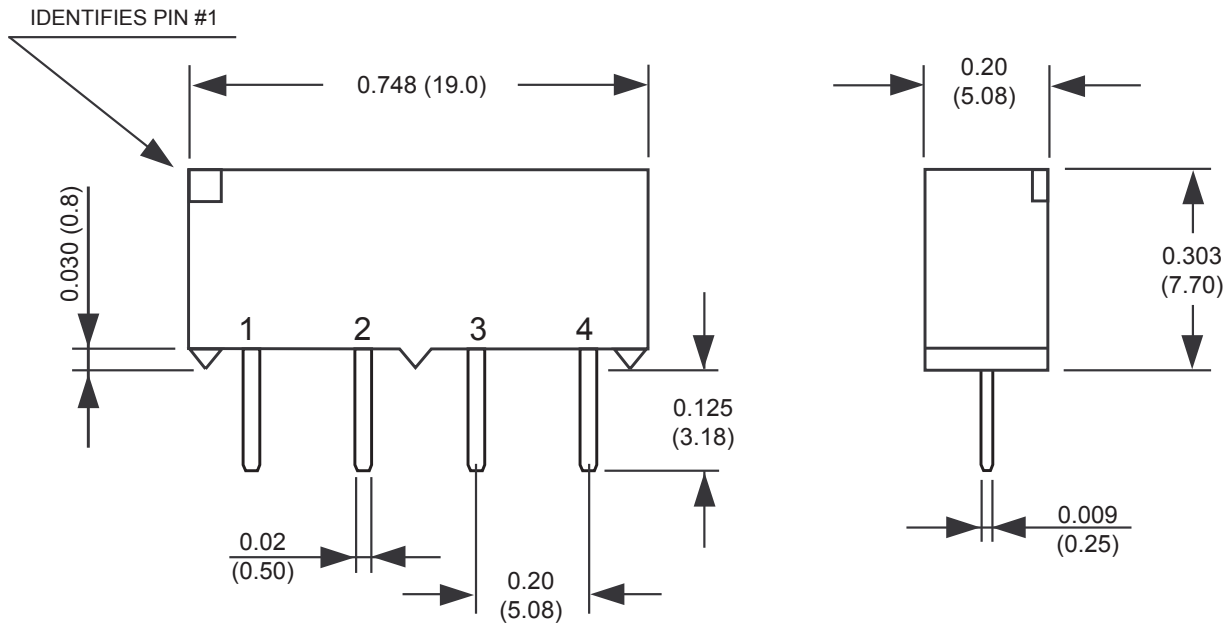
Series	Coil	Options
3570.1331.	05	1 = no diode 3 = with diode
	12	
	24	

SCHEMATIC



Part Number Example: 3570.1331.xxx
 3570.1331.051 = 5 volt coil, no diode

DIMENSIONS



Drawings not to scale.
 All dimensions in inches (mm) nominal.

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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General Purpose SIP - 1 Form A
Product Data Sheet

COIL DATA-STANDARD TYPE 1 FORM A (at 20°C)

NOMINAL COIL VOLTAGE (VDC)	NOMINAL COIL RESISTANCE ±10% (Ω)	MAX OPERATE VOLTAGE (VDC)	MIN RELEASE VOLTAGE (VDC)	MAX COIL VOLTAGE (VDC)
5	500	3.75	0.4	7
12	1000	9	1	16
24	2000	18	2	32

CONTACT RATING

Max Switching Power	10 W
Max Switching Voltage	150 VDC
Max Switching Current	0.5 A
Max Carry Current	1 A

SPECIFICATION

Contact Resistance (Initial)	MAX 200 mΩ
Operate Time - including bounce (Typical)	0.35 ms (At Nominal Voltage)
Release Time (Typical)	0.5 ms
Insulation Resistance @ 100V, 20°C, 40% RH (MIN)	10 ¹⁰ Ω
Dielectric Strength (MIN)	Between Open Contacts 200 V DC / peak AC Between Coil to Contacts 1500 V DC / peak AC
Capacitance Between Open Contacts (Typical)	0.5 pF
Vibration	20G
Shock	50G
Operating Temperature	-40° +85°C
Storage Temperature	-40° +100°C
Life Expectancy at Specified Load (Typical)	100 x 10 ⁶ ops (1 VDC, 10mA)

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