

Part Number: 3570 1333
Instrumentation Grade SIP - 1 Form A
Product Data Sheet

PICTURE



✓RoHS Compliant

FEATURES

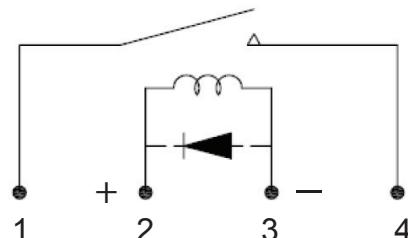
- High Reliability Instrumentation Grade  reed switch with sputtered Ruthenium contacts.
- SIP 1 Form A - 10 W dry reed relays
- Ideal for test and instrumentation applications.
- High Insulation Resistance : $10^{12} \Omega$ MIN
- Molded thermoset industry standard package.
- Optional internal coil suppression diode.
- UL File E358613 

ORDERING INFORMATION

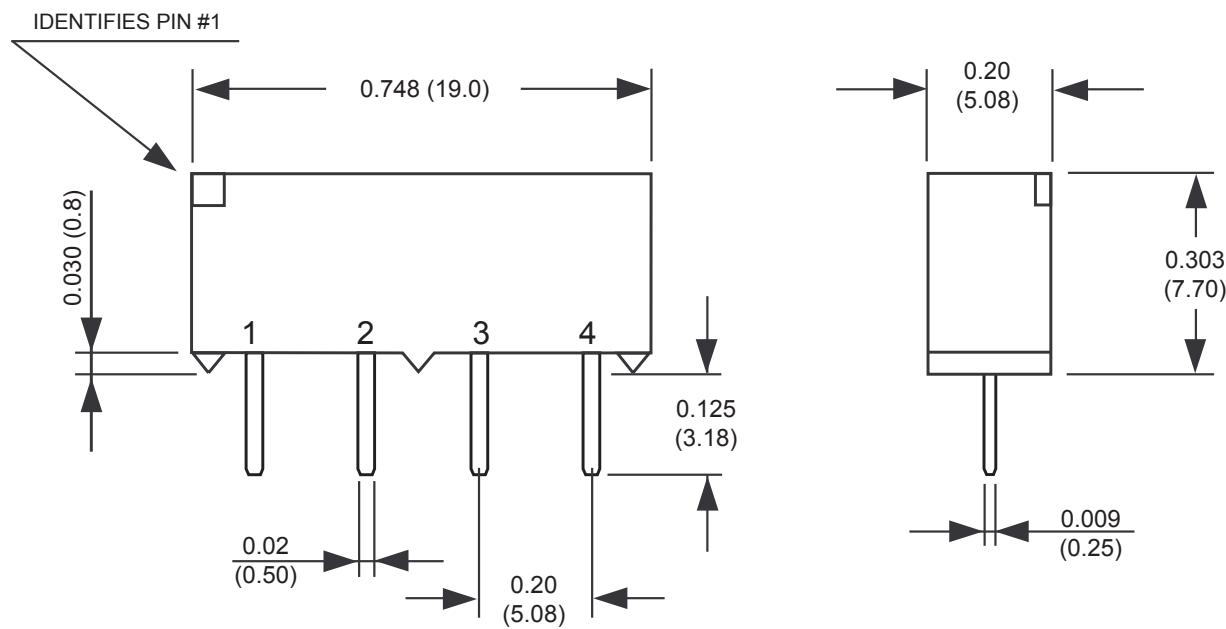
SCHEMATIC

Series	Coil	Options
3570.1333.	05	1 = no diode
	12	3 = with diode

Part Number Example: 3570.1333.xxx
 3570.1333.051 = 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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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	0.8	7
12	1000	9	1	16
CONTACT RATING				
Max Switching Power		10 W		
Max Switching Voltage		200 VDC		
Max Switching Current		0.5 A		
Max Carry Current		1.5 A		
SPECIFICATION				
Contact Resistance (Initial)		MAX 150 mΩ		
Operate Time - including bounce (Typical)		0.35 ms (At Nominal Voltage)		
Release Time (Typical)		0.1 ms		
Insulation Resistance @ 100V, 20°C, 40% RH (MIN)		10 ¹² 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 of Electrical		1000 x 10 ⁶ ops (1 VDC, 10mA)		

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