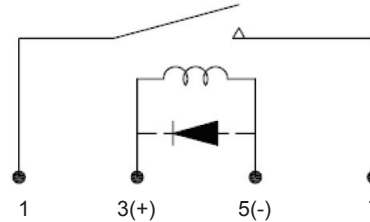


Part Number: 3570 1331
Standard SIL - 1 Form A
Product Data Sheet

PICTURE



WIRING DIAGRAM



✓ **RoHS Compliant**

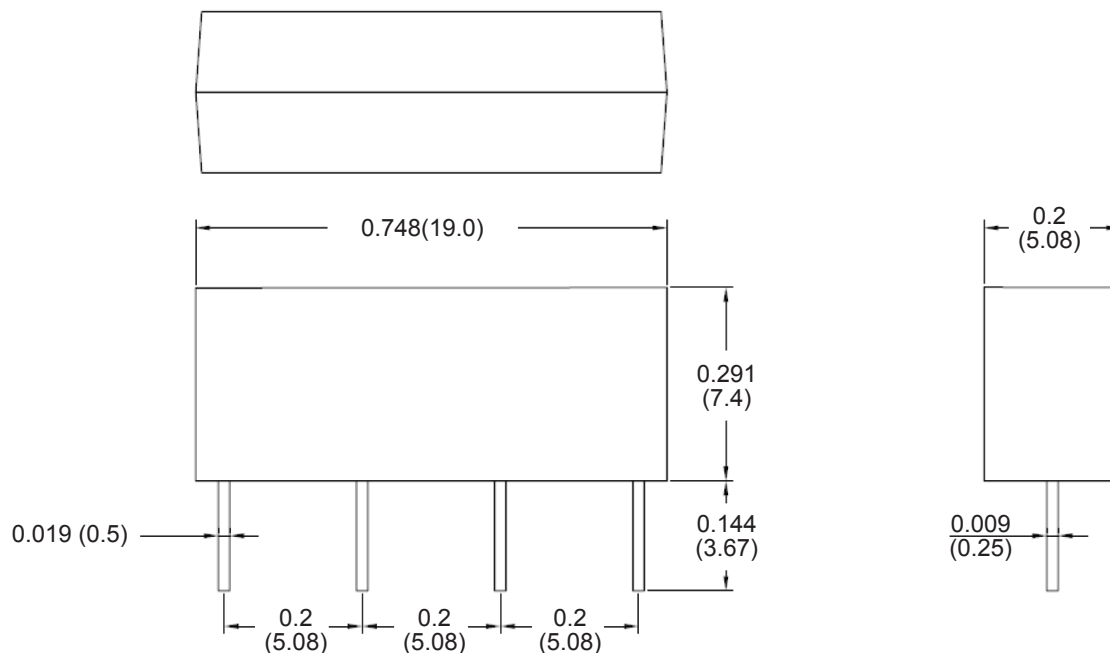
ORDERING INFORMATION

3570.1331.xxx	05	1 = without diode
	12	2 = with external magnetic shield
3570.1331.	15	3 = with diode
	24	4 = with diode and external magnetic shield

FEATURES

- SIL 1 form A - 10 W epoxy molded dry reed relays
- Miniature, cost-effective switching solutions
- Automatic insertion compatible
- Completely washable
- High density board mounting

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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Part Number: 3570 1331
Standard SIL - 1 Form A
Product Data Sheet

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

NOMINAL VOLTAGE DC±10%[V]	COIL RESISTANCE ±10% (ohm)		NOMINAL INPUT POWER		MAX OPERATE VOLTAGE (VDC)	MIN RELEASE VOLTAGE (VDC)	MAX ALLOWABLE VOLTAGE (VDC)
	STANDARD	HIGH-SENSITIVITY	STANDARD	HIGH-SENSITIVITY			
5	500	1000	50mW	25mW	3.75	0.8	10
12	1000	3000	144mW	48mW	9	1	20
15	1600	-	140mW	-	11.25	1.5	25
24	2000	-	288mW	-	18	2	32

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

NOMINAL VOLTAGE DC±10%[V]	COIL RESISTANCE ±10% (ohm)	NOMINAL INPUT POWER	MAX OPERATE VOLTAGE (VDC)	MIN RELEASE VOLTAGE (VDC)	MAX ALLOWABLE VOLTAGE (VDC)
5	500	50mW	3.75	0.8	6
12	1000	144mW	9	1	14.5
15	1600	140mW	11.25	1.5	25
24	2150	268mW	18	2	29

CONTACT RATING

Contact Form	1 Form A
Max Switching Power	10 W
Max Switching Voltage	100 VDC
Max Switching Current	0.5 A
Max Carry Current	1 A

SPECIFICATION

Contact Form	1 Form A
Contact Resistance TYP	100 mohm
Contact Resistance MAX	150 mohm
Operate Time (Incl. bounce)	1.0 ms
Release Time	0.5 ms
Insulation Resistance	10G ohm Min at 100 VDC
Dielectric Strength	Between Open Contacts 200 V DC / peak AC Between Coil to Contacts 1500 V DC / peak AC
Capacitance (Between open contacts)	1 pF
Vibration	20G (10~2KHz, 1.5mm)
Shock	30G (11ms, 1/2sin Wave)
Operating Temperature	-40° +85° C
Life Expectancy of Electrical	5x10 ⁷ ops (10 VDC, 10mA)

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