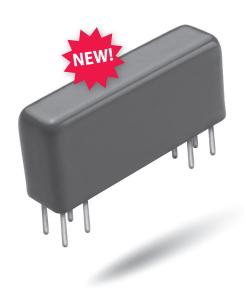
阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网,版权归原作者所有。如读者和版权方有任何异议请及时告之,我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译,其目的是协助用户阅读,该译文无法自动跟随原稿更新,同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料,来自厂商的技术支持或者使用者的心得体会等,其内容可能存在描 叙上的差异,建议读者做出适当判断。
- 4.如需与我们联系,请发邮件到marketing@iczoom.com,主题请标有"数据手册"字样。

Read Statement

- 1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
- 2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
- 3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
- 4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets".

2370 SERIES MULTI-POLE REED RELAYS FOR 125°C

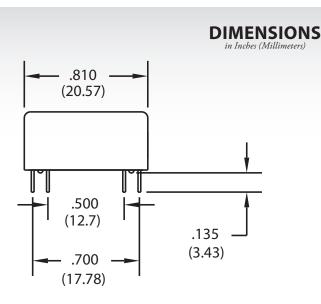


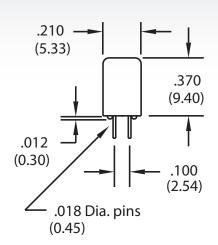
2370 Series Multi-Pole Reed Relays

The 2370 Series is designed for automatic test equipment and instrumentation requiring 125°C operation. The 2370 series is available with 2 Form A, 3 Form A and 2 Form C contacts.

2370 Series Features

- ► Smallest Multi-pole Relay: 0.056 sq. inches/pole (3 pole relay)
- ► Hermetically Sealed Contacts
- ► Long Life / High Reliability
- ► Magnetically Shielding Steel Shell
- ▶ 125°C Operating Temperature
- ▶ RoHS compliant





1 2	3	4		
•	•	$\overline{\cdot}$		
[••	•	·J		
8 7	6	5		
Bottom View				

Ordering Information

Part Number 23XX-XX-0X0

I di I Nollibei 23xx-xx							
Model Number		Shielding Options					
2377 (2 Form A) 2373 (3 Form A) 2372 (2 Form C)	Coil Voltage 05=5 volts 12=12 volts	0=No Shielding (2373 & 2372 only) 2=Coaxial Shield (2377 only)					

MODEL NUMBER	R		2377 ²	2373	2372
Parameters	Test Conditions	Units	2 Form A	3 Form A	2 Form C
COIL SPECS.					
Nom. Coil Voltage		VDC	5 12	5 12	5 12
Coil Resistance	+/- 10%, 25° C	Ω	90 500	90 500	90 500
Operate Voltage	Must Operate by	VDC - Max.	2.5 6.7	2.5 6.7	2.5 6.7
Release Voltage	Must Release by	VDC - Min.	0.4 1.0	0.4 1.0	0.4 1.0
CONTACT RATINGS					
Switching Voltage	Max DC/Peak AC Resist.	Volts	200	200	100
Switching Current	Max DC/Peak AC Resist.	Amps	0.5	0.5	0.25
Carry Current	Max DC/Peak AC Resist.	Amps	1.5	1.5	0.5
Contact Rating	Max DC/Peak AC Resist.	Watts	10	10	3
Life Expectancy-Typical ¹	Signal Level 1.0V, 10mA	x 10 ⁶ Ops.	500	500	100
Static Contact Resistance (max. init.)	50mV, 10mA	Ω	0.150	0.150	0.200
Dynamic Contact Resistance (max. init.)	0.5V, 50mA at 100 Hz, 1.5 msec	Ω	0.200	0.200	0.250
RELAY SPECIFICATION	IS				
Insulation Resistance (minimum)	Between all Isolated Pins at 100V, 25°C, 40% RH	Ω	1012	1012	10°
Capacitance - Typical Across Open Contacts	No Shield Shield Guarding	pF pF	0.8 0.2	0.8 N/A	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	250 1000 1000	250 N/A 1000	200 N/A 1000
Operate Time - including bounce - Typical	At Nominal Coil Voltage, 30 Hz Square Wave	msec.	0.5	0.5	1.5
Release Time - Typical		msec.	0.15	0.15	2.0
Dot stan	nped on top of relay refers to Grid = .1"x.1" (2.54)		5 6 4 6 0 3 7 0 2 8 1	5 4 6 3 7 8 2 1	5 6 4 3 7 8

Notes:

Environmental Ratings:

Storage Temp: -35°C to *125°C; Operating Temp: -20°C to *125°C; Solder Temp: 270°C max; 10 sec. max All electrical parameters measured at 25°C unless otherwise specified. Vibration: 20 G's to 2000 Hz; Shock: 50 G's

 $^{^{1}}$ Consult factory for life expectancy at other switching loads. Resistance >0.5 Ω defines end of life or failure to open.

² 2377 Coaxial shield is connected to pins #6 and #7.