DIP REED RELAYS

SERIES 2600

Coto Dip Reed Relays (2600 Series), designed for versatility and reliability, are offered in a wide variety of contact types and coil resistances to meet most switching applications.

Relays are available with electrostatic shielding, alternate switch and coil connections and diode coil suppression.

Highly reliable, 2600 relays are excellent for new designs or to retro-fit lesser quality molded DIP relays.

All 2600 relays are pre-conditioned and dynamically screened before encapsulation.

All relays are epoxy encapsulated utilizing a proprietary potting process to provide stress-free encapsulation. Premium grade, contamination-free reed switches are used throughout. A new contact plating material eliminates low-level "sticking" and unstable contact resistance.

TESTING AND RELIABILITY

2600 relays are thoroughly tested by the most modern and sophisticated techniques. Each switch and completed relay is subjected to an extensive series of cycling and testing to assure the highest possible reliability. All relay contacts are run-in and tested for dynamic contact resistance which enhances the reliability of relays for low-level switching.

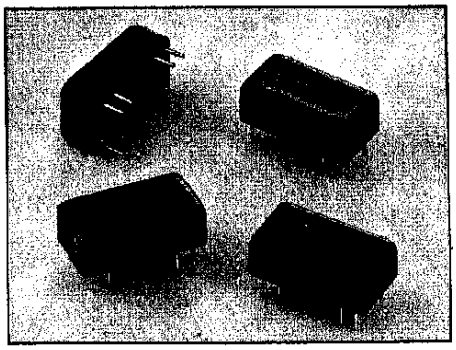
In addition, each isolated pin is checked against every other pin for insulation resistance at the rated breakdown voltage.

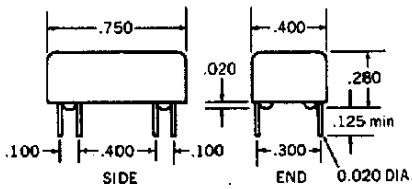
ENVIRONMENTAL RATINGS

Storage Temperature: –50°C to 100°C
Operating Temperature: –20°C to 70°C
NOTE: The must-operate and must release voltages and the coil resistance are specified at 25 degrees C. These values vary by approximately 0.4%/degrees C as the ambient temperature varies.
Vibration: 20 G's to 2000 Hz
Shock 50 G's

PACKAGING

2600 Dip Reed Relays are encapsulated in a magnetically-shielding steel shell coated with a bright, chemically-resistant and insulating epoxy. All coil connections are coated with a silicone rubber to ensure stree-free encapsulation.

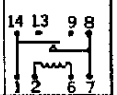
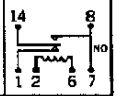
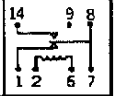
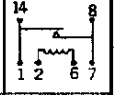
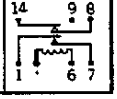




OPERATING PARAMETERS @ 25°C		
Nominal Volts	05	12
Must Operate Volts	3.7	9.0
Must Release Volts	0.4	1.0
Coil #2 Resistance Ohms	150	900
Coil #3 Resistance Ohms	230	1500
Coil #4 Resistance Ohms	500	—

Insulation Resistance 10^{10} Ohms min @ 100VDC, 25°C, 40% Rel. Humidity
10^{12} Ohms available — contact factory

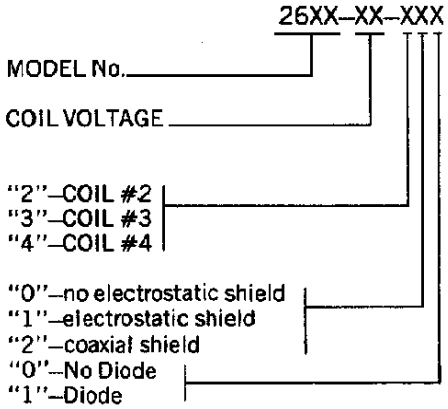
RELAY SPECIFICATIONS

Relay Contact Type	Model Number and Coil Voltage	Initial Contact Resist. Ohms Max.	Contact Rating Watts Max.	Switch Volts DC Max.	Switch Amps Max. Resist.	Breakdown Volts DC Min.	Available Coils #	Electrostatic Shield avail.	Pin Diagrams (Top View)
1A	2604 -05,12	.100	10	200	.5	250	2, 3, 4	YES	
1C	2610 -05,12	.150	4	100	.200	250	2, 3	YES	
1C	2611 -05,12	.150	3	100	.250	200	2, 3	YES	
1A High Voltage	2631 -05,12	.150	10	250	.5	400	2, 3	NO	
2A*	2653 -05,12	.150	10	100	.5	250	2, 3	YES	

*Internal Suppression Diode not available on this type.
Specifications subject to change without notice.

ORDERING INFORMATION

To order a Coto relay, assemble a part number from the data below to describe the desired parameters.



Coto's staff of reed relay specialists will be pleased to assist you in designing and specifying the proper relay for any special application. Write for information on our complete line of stock reed relays.

Notes:

Black dot on top of relay denotes Pin #1.
Pin #9 is for electrostatic shield option.
Contact factory for form 1B.
Pin #9 and #13 is for coaxial shield option.