

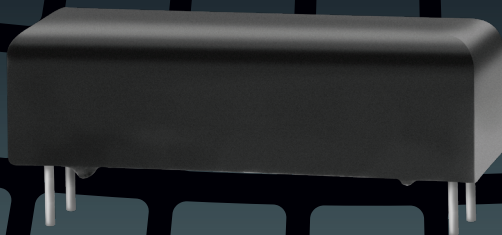
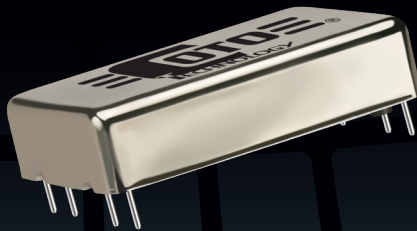
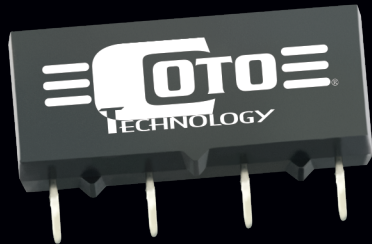
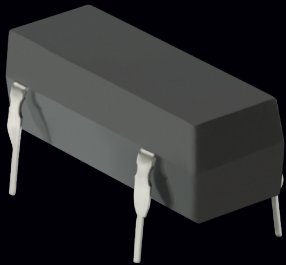


# MERCURY Relays

## *For Small Signal Switching Solutions,* **Think Coto Technology**

**Coto Technology** is the worldwide market leader of small signal switching products sold into the Automatic Test Equipment, Data Acquisition, Instrumentation, Process Control, Telecommunications, Medical and Security markets. Coto Technology has become recognized for its ability to supply customers with high quality, innovative small signal switching products.

All Coto Technology products promise high reliability backed by 100% product testing.





# MERCURY SELECTOR CHART

Coto Part Number	Description	Contact Form	Contact Rating (Max W)	Switching Voltage (Max V)	Switching Current (Max A)	Carry Current (Max A)	Isolation Between Contacts	Isolation Contact to Coil	Life Expectancy (signal, 1V, 10mA, 10 <sup>6</sup> ops)	Coil Resistance (Ω)	Min. Isolation Resistance (Ω)	Nominal Coil Voltage	Contact Material	Package	Features
HGJM51111P00	HG RELAY 1FC 685 OHMS 12V BOM/ MFG REV. C/NP3	1-Form C	100	500	2	5	1400	1400	2000	685	10 <sup>9</sup>	12	HG	Metal Cover Potted	High Speed, Low Noise, Bounce-Free Operation
HGJM51111T00	HG RELAY 1FC 2650 OHMS 24V BOM/ MFG REV.C/NP3	1-Form C	100	500	2	5	1400	1400	2000	2650	10 <sup>9</sup>	24	HG	Metal Cover Potted	High Speed, Low Noise, Bounce-Free Operation
HGRM10006	HG RELAY 1FD 2650 OHMS 24V BOM/ MFG Rev. C/NPR	1-Form-D	100	500	2	5	1400	1400	2000	2650	10 <sup>8</sup>	24	HG	Metal Cover Potted	High Speed, Low Noise, Bounce-Free Operation
HGRM51131U00	HG RELAY 1FC 3750 OHMS 35V BOM/ MFG REV.C/NPR	1-Form-C	100	500	2	5	1400	1400	2000	3750	10 <sup>8</sup>	35	HG	Metal Cover Potted	High Speed, Low Noise, Bounce-Free Operation
HGRM55211T00	HG RELAY 1FC 2650 OHMS 24V BOM REV. B	1-Form-C	100	500	2	5	1400	1400	2000	2650	10 <sup>8</sup>	24	HG	Metal Cover Potted	High Speed, Low Noise, Bounce-Free Operation
HGSM51111P00	HG RELAY 1FC 940 OHMS 15V BOM REV. D	1-Form C	100	500	2	5	1400	1400	2000	940	10 <sup>8</sup>	15	HG	Metal Cover Potted	High Speed, Bounce-Free Operation
HG-WM51111K00	HG RELAY 1FC 117 OHMS 5V BOM/ MFG REV.D/NPR	1-Form C	100	500	2	5	1400	1400	2000	117	10 <sup>9</sup>	5	HG	Metal Cover Potted	High Speed, Low noise, High Board Density, Bounce-Free Operation
HGWM51111P00	HG RELAY 1FC 720 OHMS 12V BOM/ MFG REV. D/NPR	1-Form C	100	500	2	5	1400	1400	2000	720	10 <sup>9</sup>	12	HG	Metal Cover Potted	High Speed, Low noise, High Board Density, Bounce-Free Operation
HGWM51111T00	HG RELAY 1FC 2730 OHMS 24V BOM/ MFG REV.C/NPR	1-Form C	100	500	2	5	1400	1400	2000	2730	10 <sup>9</sup>	24	HG	Metal Cover Potted	High Speed, Low noise, High Board Density, Bounce-Free Operation
HRB10058	HG RELAY 1FA 800 OHMS 12V BOM/ MFG REV.A/NP2	1-Form A	50	1000	2	3	1500	1500	2000	800	10 <sup>10</sup>	12	HG	Metal Cover Potted	High Speed, Low noise, High Board Density, Bounce-Free Operation
MSS21A05	DIP 14 Series 1FA all position 5V	1-Form-A	50	500	2	3	1400	1400	200	140	10 <sup>8</sup>	5	HG	Molded DIP	DIP 14 Series all position
MSS21A05B	DIP 14 Series 1FA all position 5V plus Diode	1-Form A	50	500	2	3	1400	1400	200	140	10 <sup>8</sup>	5	HG	Molded DIP	DIP 14 Series all position
MSS21A12	DIP 14 Series 1FA all position 12V	1-Form-A	50	500	2	3	1400	1400	200	500	10 <sup>8</sup>	12	HG	Molded DIP	DIP 14 Series all position
MSS21A12B	DIP 14 Series 1FA all position 12Vplus Diode	1-Form A	50	500	2	3	1400	1400	200	500	10 <sup>8</sup>	12	HG	Molded DIP	DIP 14 Series all position
MSS21A24	DIP 14 Series 1FA all position 24V	1-Form-A	50	500	2	3	1400	1400	200	2150	10 <sup>8</sup>	24	HG	Molded DIP	DIP 14 Series all position
MSS21A24B	DIP 14 Series 1FA all position 24V plus Diode	1-Form A	50	500	2	3	1400	1400	200	2150	10 <sup>8</sup>	24	HG	Molded DIP	DIP 14 Series all position
MSS41A05	SIP Series 1FA all position 5V	1-Form-A	50	500	2	3	1400	1400	200	140	10 <sup>8</sup>	5	HG	Molded SIP	SIP Series all position
MSS41A05B	SIP Series 1FA all position 5V plus Diode	1-Form A	50	500	2	3	1400	1400	200	140	10 <sup>8</sup>	5	HG	Molded SIP	SIP Series all position
MSS41A12	SIP Series 1FA all position 12V	1-Form-A	50	500	2	3	1400	1400	200	500	10 <sup>8</sup>	12	HG	Molded SIP	SIP Series all position
MSS41A24	SIP Series 1FA all position 24V	1-Form A	50	500	2	3	1400	1400	200	2150	10 <sup>8</sup>	24	HG	Molded SIP	SIP Series all position
MSS62A05	2 FORM A DIP 16-PIN all position 5V	2-Form-A	50	500	2	3	1400	1400	200	80	10 <sup>8</sup>	5	HG	Molded DIP	DIP 16 Series all position
MSS62A12	2 FORM A DIP 16-PIN all position 12V	2-Form-A	50	500	2	3	1400	1400	200	430	10 <sup>8</sup>	12	HG	Molded DIP	DIP 16 Series all position
MSS62A24	2 FORM A DIP 16-PIN all position 24V	2-Form-A	50	500	2	3	1400	1400	200	1750	10 <sup>8</sup>	24	HG	Molded DIP	DIP 16 Series all position
MSS62A48	2 FORM A DIP 16-PIN all position 48V	2-Form-A	50	500	2	3	1400	1400	200	6900	10 <sup>8</sup>	48	HG	Molded DIP	DIP 16 Series all position
MSS71A12	HG RELAY 1FA 500 O 12V DIP 14 / 4 pin all position	1-Form-A	50	500	2	3	1400	1400	200	500	10 <sup>8</sup>	12	HG	Molded DIP	DIP 14 / 4 pin all position
MSS71A12B	HG RELAY 1FA 500 O 12V DIP 14 / 4 pin all position with diode	1-Form-A	50	500	2	3	1400	1400	200	500	10 <sup>8</sup>	12	HG	Molded DIP	DIP 14 / 4 pin all position
MSS71A24	HG RELAY 1FA 2150 O 24V DIP 14 / 4 pin all position	1-Form-A	50	500	2	3	1400	1400	200	2150	10 <sup>8</sup>	24	HG	Molded DIP	DIP 14 / 4 pin all position
MSS71A24B	HG RELAY 1FA 2150 O 24V DIP 14 / 4 pin all position with diode	1-Form-A	50	500	2	3	1400	1400	200	2150	10 <sup>8</sup>	24	HG	Molded DIP	DIP 14 / 4 pin all position
MVS21A24B	HG RELAY 1FA 2150 O 24V DIP 14 with diode	1-Form-A	50	1000	2	3	1400	1400	1000	2150	10 <sup>10</sup>	24	HG	Molded DIP	DIP 14 Series
MVS71A12	HG RELAY 1FA 2150 O 12V DIP 14 / 4 pin	1-Form-A	50	1000	2	3	1400	1400	1000	500	10 <sup>10</sup>	12	HG	Molded DIP	DIP 14 / 4 pin

# ADVANCED SWITCHING & MAGNETIC SENSING SOLUTIONS

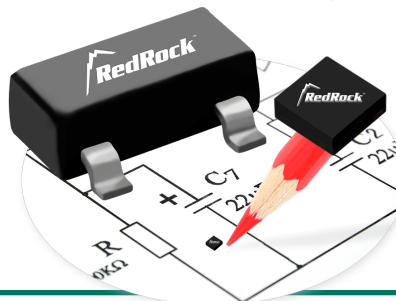


## Reed Relays & Molded Reed Switches

- ▶ High Reliability - 100% Tested
- ▶ Multiple Forms & Styles
- ▶ Innovative Design
- ▶ Excellent Life & Reliability
- ▶ 100% Test AFTER Lead Cut & Bend

## The World's Smallest Reed Sensor

- ▶ Lowest Power!
- ▶ High Sensitivity
- ▶ Analog & Digital
- ▶ Miniature Footprint
- ▶ Rugged for touch environments



## RedRock™ TMR-Based Magnetic Switches & Sensors



## MOSFET Relays for Any Application

- ▶ Solid State Technology
- ▶ Switching up to 1500V
- ▶ Reliable and Economical
- ▶ Various Package Styles
- ▶ Through-Hole & Surface Mount