



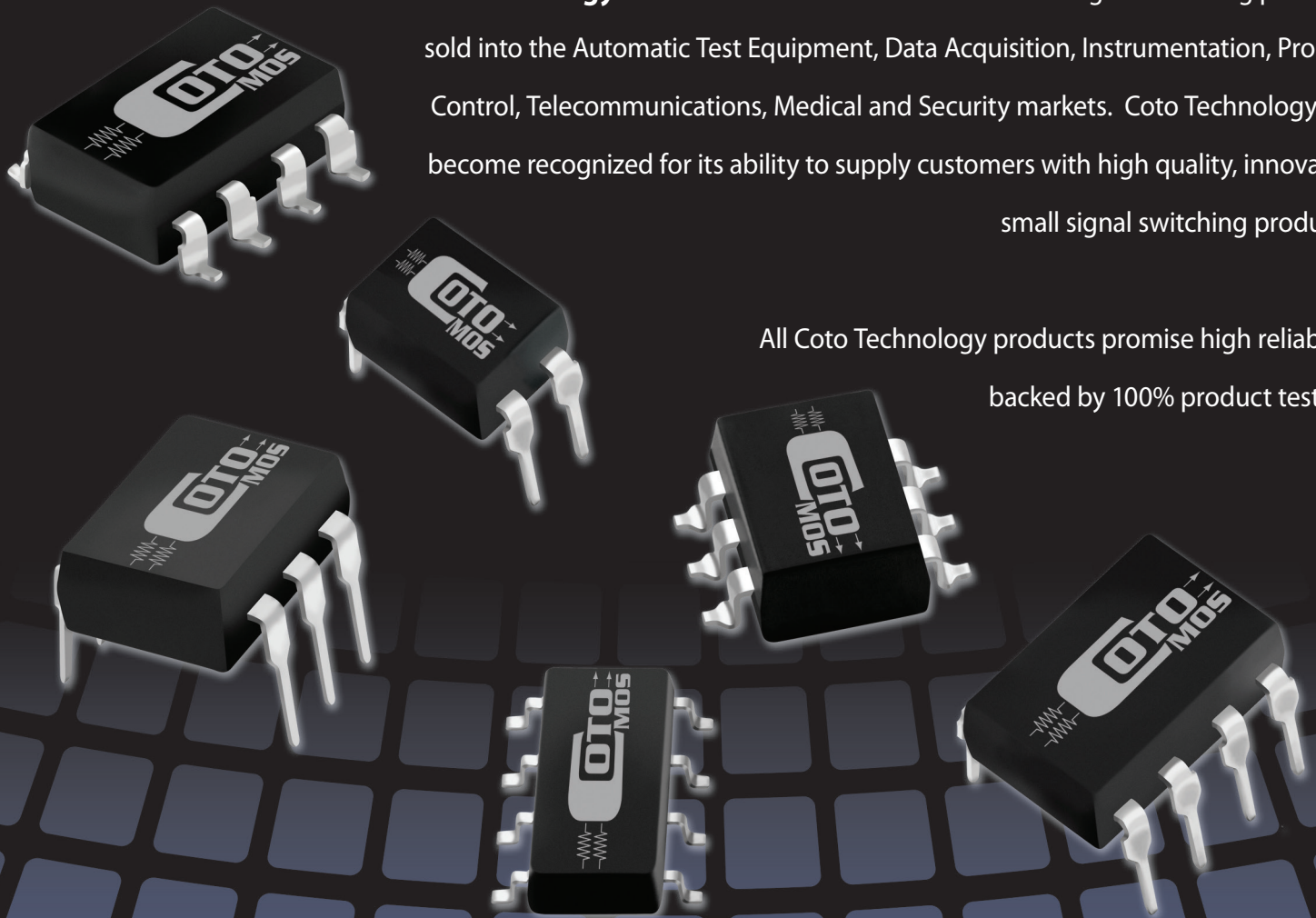
MOSFET Relays

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.



ABOUT THE COMPANY



FROM COIL WINDINGS AND REED RELAYS TO SOLID STATE RELAYS, COTO HAS ESTABLISHED ITSELF AS A MARKET LEADER IN PRODUCT QUALITY AND DESIGN INNOVATION

Coto Technology's reed relay & reed switch manufacturing facility is located in Mexicali, Mexico. Coto Technology, Inc. originated in Providence, Rhode Island, USA in 1917 as Coto Coil Incorporated - a company specializing in the design and manufacture of coil windings. During the mid-1960's, Coto expanded its product line by introducing the reed relay - the result of integrating reed switches into coil windings. By 1970, Coto emerged as a leading manufacturer of reed relays with the development of the first patented Low-Thermal EMF reed relay.



CotoMOS® Class 10,000 Cleanroom Environment for Manufacturing

Coto went on to produce the first ever surface mounted reed relays in 1983, the world's smallest SMD reed relay in 1994, and the first patented reed relay with >8 GHz performance in 2001.

COTO TECHNOLOGY HAS BECOME RECOGNIZED FOR ITS ABILITY TO SUPPLY CUSTOMERS WITH HIGH QUALITY PRODUCTS.

In 2010, Coto relocated its relay design labs and corporate offices to scenic North Kingstown, RI along the shores of Narragansett Bay. The new, high-efficiency facilities allow Coto engineers to focus on developing solutions for tomorrow's small signal switching applications. Whether it's high-speed serial data communication, signal integrity analysis, or the increasing demands for greater bandwidth and higher frequency, Coto is prepared and committed to solving the applications concerns of our customers now and in the years to come.

Today, Coto is a 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 specializes in high quality relay, switch and sensor products.



SOLID STATE MOSFET RELAYS

NOW FEATURING HIGH-VOLTAGE, HIGH-CURRENT PRODUCTS

CotoMOS® relays are a reliable, economical, readily-available solution offered by Coto Technology to meet your switching needs. Using highly-reliable, custom-designed MOSFET technology, CotoMOS® provides high-performance for applications requiring low input power and virtually unlimited life.

Ideally suited to the needs of industrial controls, security, metering, instrumentation and automatic test equipment, CotoMOS® is available in Form A, Form B, Form A+B (Form C) form factors to service a wide range of switching requirements.

In addition to our comprehensive line of solid state relays, please note our most recent additions:

HI-CURRENT

26/24/28 Series (40V) switches to 2A/3.5A/4.5A; **36 Series** (60V) switches to 2.5A; **47 Series** (80V) switches to 2A

Applications: Industrial Automation, Controls, Instrumentation, Battery Management Systems and Data Acquisition.

HI-VOLTAGE

30/32 Series (400V) switch to 120mA; **74 Series** (400V, Form B and Form 1A+1B) switches to 90mA; **38 Series** (600V) switches to 80 mA

Applications: Industrial Automation, Controls, Instrumentation, Power Supplies, Solar Systems and Battery Management Systems

**High-Current and High-Voltage CotoMOS® Solid State MOSFET Relays are Re-Configurable for Maximum Performance: Configure your CotoMOS® 6-pin Single Channel device for full AC operation or choose from 3 DC-only configurations.*

NEW!

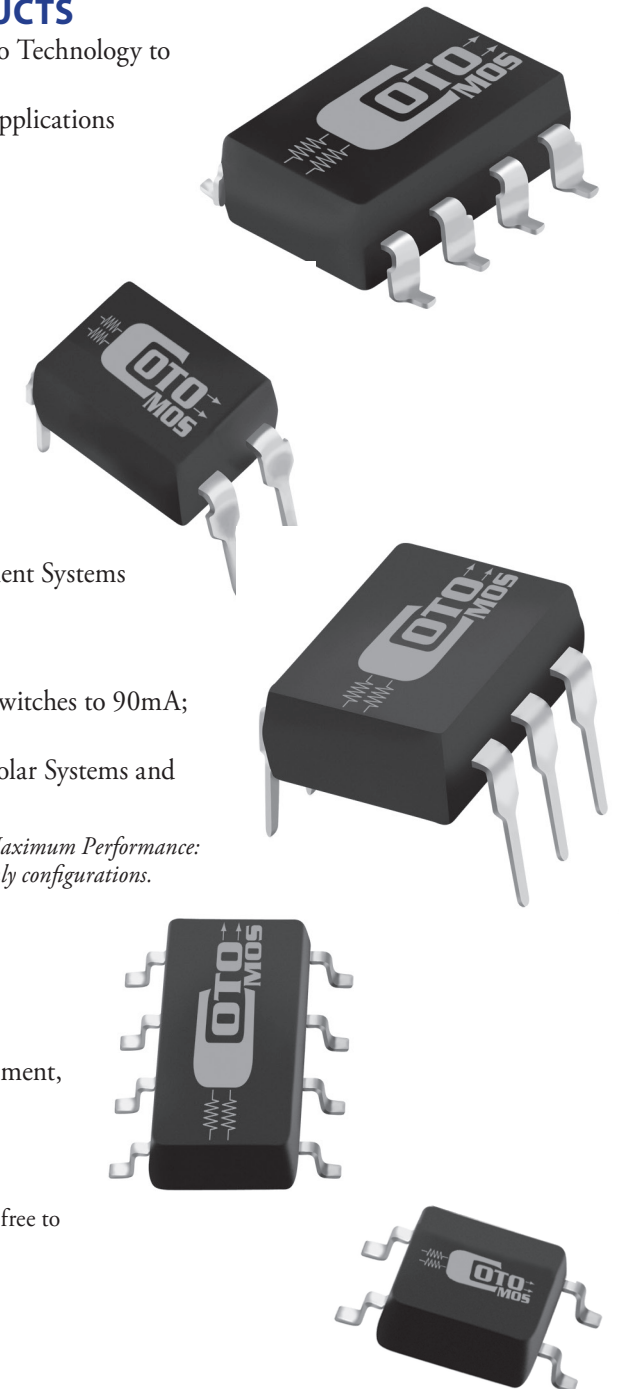
C212S Low CxR Product Series...

...featuring low CxR and high-current with switching at 400mA.

Applications: ATE, Telecommunications (PC, Electronic Notepad), Security Equipment, Measurement & Test Equipment, Probe Cards, Data Logger, Board Test, Factory Automation Equipment and High-Speed Inspection Machines.

For more information on how CotoMOS® can benefit you in your custom application, please feel free to **contact our sales application engineers at APPSupport@cotorelay.com**

For the most updated product specifications, please consult our website: www.cotorelay.com





SELECTOR CHART

Coto Part Number	Contact Form	Package		Lead Configuration	Load Voltage	Load Current	Peak Load Current	Power Dissipation	Resistance		Output Capacitance (typ)	Off State Leakage Current (max)	LED Operate Current		Turn On Time		Turn Off Time		I/O Isolation Voltage
		Description	Style						Typical	Maximum			Typical	Maximum	Typical	Maximum	Typical	Maximum	
C2305 C3305	1A 2A	SOP-4 Pin SOP-8 Pin	D	SMD	400V	100 mA 85 mA	0.6 A	300 mW 450 mW	21 Ω	30 Ω	55 pF	1μA	0.65 mA	3.0 mA	0.2 ms	0.5 ms	0.05 ms	0.2 ms	1.5 kV
CT237 CS237	1A	DIP-4 Pin	A	Thru Hole SMD	60V	400 mA	2.0 A	450 mW	0.8 Ω	1.6 Ω	195 pF	1μA	0.9 mA	3.0 mA	0.3 ms	1.0 ms	0.05 ms	1 ms	1.5 kV
CT137 CS137	1A	DIP-6 Pin	B	Thru Hole SMD	60V	400 mA	2.0 A	450 mW	0.8 Ω	1.6 Ω	195 pF	1μA	0.9 mA	3.0 mA	0.3 ms	1.0 ms	0.05 ms	1 ms	1.5 kV
CT245 CS245	1A	DIP-4 Pin	A	Thru Hole SMD	60V	100 mA	0.35 A	200 mW	5 Ω	14 Ω	20 pF	1μA	0.9 mA	3.0 mA	0.05 ms	1.0 ms	0.03 ms	1 ms	1.5 kV
CT145 CS145	1A	DIP-6 Pin	B	Thru Hole SMD	60V	100m A	0.35 A	200 mW	5 Ω	14 Ω	20 pF	1μA	0.9 mA	3.0 mA	0.05 ms	1.0 ms	0.03 ms	1 ms	1.5 kV
CT345 CS345	2A	DIP-8 Pin	C	Thru Hole SMD	60V	100 mA	0.35 A	400 mW	5 Ω	14 Ω	20 pF	1μA	0.9 mA	3.0 mA	0.05 ms	1 ms	0.03 ms	1 ms	1.5 kV
CT248 CS248	1A	DIP-4 Pin	A	Thru Hole SMD	100V	350 mA	1.4 A	200 mW	2 Ω	3.5 Ω	37 pF	1μA	0.9 mA	3.0 mA	0.2 ms	1 ms	0.05 ms	1 ms	1.5 kV
CT148 CS148	1A	DIP-6 Pin	B	Thru Hole SMD	100V	350 mA	1.4 A	200 mW	2 Ω	3.5 Ω	37 pF	1μA	0.9 mA	3.0 mA	0.2 ms	1 ms	0.05 ms	1 ms	1.5 kV
C2325 C3325	1A 2A	SOP-4 Pin SOP-8 Pin	D	SMD	400V	100 mA 85 mA	0.35 A	300 mW 450 mW	32 Ω	45 Ω	35 pF	1μA	0.8 mA	3.0 mA	0.8 ms	0.5 ms	0.04 ms	0.2 ms	1.5 kV
CT232 CS232	1A	DIP-4 Pin	A	Thru Hole SMD	400V	120 mA	0.35 A	450 mW	32 Ω	45 Ω	35 pF	1μA	0.8 mA	3.0 mA	0.8 ms	1 ms	0.04 ms	0.5 ms	3.75 kV
CT132 CS132	1A	DIP-6 Pin	B	Thru Hole SMD	400V	120 mA	0.35 A	450 mW	32 Ω	45 Ω	35 pF	1μA	0.8 mA	3.0 mA	0.8 ms	1 ms	0.04 ms	0.5 ms	3.75 kV
CT332 CS332	2A	DIP-8 Pin	C	Thru Hole SMD	400V	100 mA	0.35 A	600 mW	32 Ω	45 Ω	35 pF	1μA	0.8 mA	3.0 mA	0.8 ms	1 ms	0.04 ms	0.5 ms	3.75 kV
C5705 C6705	1B 2B	SOP-4 Pin SOP-8 Pin	D	SMD	60V	400 mA 350 mA	0.6 A	300 mW 450 mW	0.75 Ω	1.6 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.35 ms	3 ms	0.05 ms	1 ms	1.5 kV
CT570 CS570	1B	DIP-4 Pin	A	Thru Hole SMD	60V	440 mA	0.6 A	450 mW	0.75 Ω	1.6 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.25 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT470 CS470	1B	DIP-6 Pin	B	Thru Hole SMD	60V	440 mA	0.6 A	450 mW	0.75 Ω	1.6 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.25 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT670 CS670	2B	DIP-8 Pin	C	Thru Hole SMD	60V	380 mA	0.6 A	600 mW	0.75 Ω	1.6 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.25 ms	2 ms	0.05 ms	1 ms	1.5 kV
C5725 C6725	1B 2B	SOP-4 Pin SOP-8 Pin	D	SMD	200V	100 mA 80 mA	0.6 A	200 mW 400 mW	13 Ω	20 Ω	240 pF	10μA	0.9 mA	3.0 mA	0.5 ms	3 ms	0.05 ms	1 ms	1.5 kV
CT572 CS572	1B	DIP-4 Pin	A	Thru Hole SMD	200V	130 mA	0.6 A	450 mW	13 Ω	20 Ω	240 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT472 CS472	1B	DIP-6 Pin	B	Thru Hole SMD	200V	130 mA	0.6 A	450 mW	13 Ω	20 Ω	240 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT672 CS672	2B	DIP-8 Pin	C	Thru Hole SMD	200V	100 mA	0.6 A	600 mW	13 Ω	20 Ω	240 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
C5745 C6745	1B 2B	SOP-4 Pin SOP-8 Pin	D	SMD	400V	70 mA 60 mA	0.6 A	300 mW 450 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.5 ms	3 ms	0.05 ms	1 ms	1.5 kV
CT574 CS574	1B	DIP-4 Pin	A	Thru Hole SMD	400V	90 mA	0.6 A	450 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT474 CS474	1B	DIP-6 Pin	B	Thru Hole SMD	400V	90 mA	0.6 A	450 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
CT674 CS674	2B	DIP-8 Pin	C	Thru Hole SMD	400V	80 mA	0.6 A	600 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	0.35 ms	2 ms	0.05 ms	1 ms	1.5 kV
C7705	1A + 1B	SOP-8 Pin	D	SMD	60V	350 mA	1.0 A	400 mW	0.75 Ω	1.6 Ω	45 pF (NO) 165 pF (NC)	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.2 ms (NO) 0.35 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
CT770 CS770	1A + 1B	DIP-8 Pin	C	Thru Hole SMD	60V	380 mA	1.0 A	600 mW	0.75 Ω	1.6 Ω	45 pF (NO) 165 pF (NC)	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.2 ms (NO) 0.25 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
C7725	1A + 1B	SOP-8 Pin	D	SMD	200V	160 mA (NO) 80 mA (NC)	0.4 A	400 mW	6.0 Ω (NO) 13.0 (NC)	8.0/20.0 Ω (NO/NC)	130 pF (NO) 240 pF (NC)	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.3 ms (NO) 0.6 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
CT772 CS772	1A + 1B	DIP-8 Pin	C	Thru Hole SMD	200V	180 mA (NO) 100 mA (NC)	0.6 A	600 mW	6.0 Ω (NO) 13.0 (NC)	8.0/20.0 Ω (NO/NC)	130 pF (NO) 240 pF (NC)	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.25 ms (NO) 0.04 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
C7745	1A + 1B	SOP-8 Pin	D	SMD	400V	80 mA (NO) 60 mA (NC)	0.4 A	400 mW	24 Ω (NO) 30 Ω (NC)	30 Ω 50 Ω	115 pF 165 pF	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.25 ms (NO) 0.5 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
CT774 CS774	1A + 1B	DIP-8 Pin	C	Thru Hole SMD	400V	100 mA (NO) 80 mA (NC)	0.6 A	600 mW	24 Ω (NO) 35 Ω (NC)	30 Ω 50 Ω	115 pF 165 pF	1μA (NO) 10μA (NC)	0.9 mA	3.0 mA	0.25 ms (NO) 0.5 ms (NC)	2 ms	0.05 ms	1 ms	1.5 kV
C2265 C3265	1A 2A	SOP-4 Pin SOP-8 Pin	D	SMD	40V	2000 mA 1600 mA	3.5 A	350 mW 450 mW	0.085 Ω	0.5 Ω	240 PF	1μA	0.5 mA	3.0 mA	0.5 ms	3.0 ms	0.04 ms	0.5 ms	1.5 kV
CT226 CS226	1A	DIP-4 Pin	A	Thru Hole SMD	40V	2000 mA	3.5 A	400 mW	0.085 Ω	0.5 Ω	240 PF	1μA	0.5 mA	3.0 mA	0.5 ms	3.0 ms	0.05 ms	1 ms	1.5 kV
CT126 CS126	1A	DIP-6 Pin	B	Thru Hole SMD	40V	2000 mA	3.5 A	450 mW	0.085 Ω	0.5 Ω	240 pF	1μA	0.5 mA	3.0 mA	0.5 ms	3.0 ms	0.05 ms	1 ms	1.5 kV
CT326 CS326	2A	DIP-8Pin	C	Thru Hole SMD	40V	2000 mA	3.5 A	600 mW	0.085 Ω	0.5 Ω	240 pF	1μA	0.5 mA	3.0 mA	0.5 ms	3.0 ms	0.05 ms	1 ms	1.5 kV
CT136 CS136	1A	DIP-6 Pin	B	Thru Hole SMD	60V	2500 mA	6 A	500 mW	0.09 Ω	0.14 Ω	470 pF	1μA	1.5 mA	3.0 mA	0.6 ms	5 ms	0.04 ms	2.0 ms	1.5 kV

PACKAGE & RECOMMENDED PC BOARD PATTERN

PACKAGE STYLE	MECHANICAL DRAWINGS		PC BOARD PATTERNS	
A	<p>DIP 4</p>	<p>SMD</p>	<p>DIP</p>	<p>SMD</p>
B	<p>DIP 6</p>	<p>SMD</p>	<p>DIP</p>	<p>SMD</p>
C	<p>DIP 8</p>	<p>SMD</p>	<p>DIP</p>	<p>SMD</p>
D	<p>SOP 4</p>	<p>SOP 8</p>	<p>SOP 4</p>	<p>SOP 8</p>