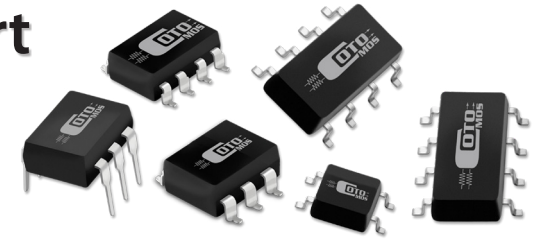




SOLID STATE MOSFET RELAYS - Selector Chart

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, battery management systems, 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.

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	Coto Part Number	Contact Form	Package	Lead Configuration	Load Voltage	Load Current	Peak Load Current	Power Dissipation	On Resistance		Output Capacitance (typ)	Off State Leakage Current (max)	LED Operate Current		I/O Isolation Voltage
									Typical	Maximum			Typical	Maximum	
HIGH CURRENT	C226S C326S	1A 2A	SOP-4 Pin SOP-8 Pin	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	1.5 kV
	CT126 CS126	1A	DIP-6 Pin SMD-6 Pin	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	1.5 kV
	CT326 CS326	2A	DIP-8 Pin SMD-8 Pin	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	1.5 kV
	CT136 CS136	1A	DIP-6 Pin SMD-6 Pin	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	1.5 kV
	C247S C347S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	80V	1250 mA 1000 mA	3.0 A	350 mW 450 mW	0.15 Ω	0.5 Ω	190 pF	1μA	1.2 mA	3.0 mA	1.5 kV
	CT147 CS147	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	80V	2000 mA	5.0 A	500 mW	0.1 Ω	0.16 Ω	500 pF	1μA	1.2 mA	3.0 mA	1.5 kV
	CT124 CS124	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	40V	3500 mA	8 A	500 mW	0.045 Ω	0.07 Ω	810 pF	1μA	1.5 mA	3.0 mA	1.5 kV
	CT128 CS128	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	40V	4500 mA	9.5 A	500 mW	0.033 Ω	0.05 Ω	690 pF	1μA	1.2 mA	3.0 mA	1.5 kV
	C236S	1A	SOP-4 Pin	SMD	60V	2.5 A	5.0 A	400 mW	0.06 Ω	0.1 Ω	150 pF	1μA	0.5 mA	3.0 mA	1.5 kV
	C224S C241S	1A 1A	SOP-4 Pin SOP-4 Pin	SMD SMD	40V 20V	3.5 A 5.0 A	5.0 A 6.5 A	400 mW 400 mW	0.05 Ω 0.02 Ω	0.08 Ω 0.05 Ω	100 pF 500 pF	0.1μA 1μA	0.5 mA 0.5 mA	2.0 mA 2.0 mA	1.5 kV 1.5 kV
HIGH VOLTAGE	S117T S117S	1FA	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	1700V	170 mA	600 A	500 mW	7.5 Ω	10 Ω	20 pF	1μA	0.38 mA	0.8 mA	3.75 kV
	C238S C338S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	600V	80 mA	0.6 A	500 mW	35 Ω	50 Ω	100 pF	1μA	0.5 mA	2.0 mA	1.5 kV
	CT238 CS238	1A	DIP-4 Pin SMD-4 Pin	Thru Hole SMD	600V	80 mA	0.2 A	450 mW	35 Ω	60 Ω	95 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT338 CS338	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	600V	80 mA	0.12 A	500 mW	35 Ω	50 Ω	100 pF	1μA	0.5 mA	5.0 mA	3.75 kV
	CT140 CS140	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	1500V	45 mA	0.2 A	450 mW	130 Ω	200 Ω	58 pF	10μA	0.9 mA	5.0 mA	3.75 kV
FAST SWITCHING	C230S C330S	1A 2A	SOP-4 Pin SOP-8 Pin	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	1.5 kV
	CT137 CS137	1A	DIP-6 Pin SMD-6 Pin	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	1.5 kV
	CT34S CS34S	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	60V	100 mA	0.35 A	400 mW	5 Ω	14 Ω	20 pF	1μA	0.9 mA	3.0 mA	1.5 kV



	Coto Part Number	Contact Form	Package	Lead Configuration	Load Voltage	Load Current	Peak Load Current	Power Dissipation	On Resistance		Output Capacitance (typ)	Off State Leakage Current (max)	LED Operate Current		I/O Isolation Voltage
									Typical	Maximum			Typical	Maximum	
FORM B	CT670 CS670	2B	DIP-8 Pin SMD-8 Pin	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	1.5 kV
	C574S C674S	1B 2B	SOP-4 Pin SOP-8 Pin	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	1.5 kV
	CT474 CS474	1B	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	400V	90 mA	0.6 A	450 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	1.5 kV
	CT674 CS674	2B	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	400V	80 mA	0.6 A	600 mW	30 Ω	50 Ω	165 pF	10μA	0.9 mA	3.0 mA	1.5 kV
FORM C	C770S	1A + 1B	SOP-8 Pin	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	1.5 kV
	C774S	1A + 1B	SOP-8 Pin	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	1.5 kV
	CT774 CS774	1A + 1B	DIP-8 Pin SMD-8 Pin	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	1.5 kV
LOW LEAKAGE CURRENT	C235S C335S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	80V	80 mA 70 mA	0.3 A	200 mW 400 mW	20 Ω	30 Ω	6 pF	0.01μA	0.9 mA	3.0 mA	1.5 kV
	CT135 CS135	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	80V	100 mA	0.3 A	350 mW	20 Ω	30 Ω	6 pF	0.01μA	0.9 mA	3.0 mA	1.5 kV
	CT335 CS335	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	80V	80 mA	0.3 A	450 mW	20 Ω	30 Ω	6 pF	0.01μA	0.9 mA	3.0 mA	1.5 kV
LOW CAPACITANCE	C212S	1A	SOP-4Pin	SMD	60V	400 mA	1.0 A	500 mW	0.83 Ω	2.5 Ω	50 pF	1.0μA	0.5 mA	3.0 mA	1.5 kV
	C245S C345S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	60V	100 mA	0.35 A	200 mW 400 mW	5 Ω	14 Ω	20 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	C248S C348S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	100V	310 mA 280 mA	1.4 A	200 mW 400 mW	2 Ω	3.5 Ω	37 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT348 CS348	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	100V	310 mA	1.4 A	400 mW	2 Ω	3.5 Ω	37 pF	1μA	0.9 mA	3.0 mA	1.5 kV
GENERAL PURPOSE	CT130 CS130	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	400V	120 mA	0.6 A	450 mW	21 Ω	30 Ω	55 pF	1μA	0.65 mA	3.0 mA	1.5 kV
	CT330 CS330	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	400 V	100 mA	0.6 A	600 mW	21 Ω	30 Ω	55 pF	1μA	0.65 mA	3.0 mA	1.5 kV
	C231S C331S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	350 V	120 mA 100 mA	0.6 A	300 mW 450 mW	17 Ω	24 Ω	115 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT131 CS131	1A	DIP-6 Pin SMD-6 Pin	Thru Hole SMD	350V	130 mA	0.6 A	450 mW	17 Ω	24 Ω	115 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT331 CS331	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	350V	110 mA	0.6 A	600 mW	17 Ω	24 Ω	115 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	C234S C334S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	200V	180 mA 160 mA	0.8 A	300 mW 450 mW	6 Ω	8 Ω	130 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT334 CS334	2A	DIP 8-Pin SMD-8 Pin	Thru Hole SMD	200V	180 mA	0.8 A	600 mW	6 Ω	8 Ω	130 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	C237S C337S	1A 2A	SOP-4 Pin SOP-8 Pin	SMD	60V	350 mA 320 mA	2.0 A	200 mW 400 mW	0.8 Ω	1.6 Ω	195 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	CT337 CS337	2A	DIP-8 Pin SMD-8 Pin	Thru Hole SMD	60V	360 mA	2.0 A	600 mW	0.8 Ω	1.6 Ω	195 pF	1μA	0.9 mA	3.0 mA	1.5 kV
	C208S C217S	1A 1A	SOP-4 Pin SOP-4 Pin	SMD SMD	100V 60V	150 mA 130 mA	0.375 A 0.325 A	800 mW 500 mW	6 Ω 7 Ω	8 Ω 16 Ω	50 pF 50 pF	1μA 1μA	0.7 mA 0.11 mA	2.0 mA 1.0 mA	1.5 kV 1.5 kV

