

COTO Reed Relays



SPARTAN SIP RELAY

Features:

- High Insulation Resistance: $10^{10}\Omega$
- High Speed Switching
- UL File # E67117, CSA File # LR 28537
- Coaxial Shield for 50Ω Impedance & Switching

Specifications:

- Storage Temp: -35°C to +100°C
- Operating Temp: -20° to +85°C
- Solder Temp: 270°C max; 10 sec max
- Vibration: 20G's to 2000Hz; Shock: 50G's



RoHS Compliant

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Coto Part No.	Fig.	Circuit	Coil Voltage DC	Switching Current	Carry Current (A)	Price Each			
							1	10	50	100
816-9007-05-00	9007-05-00	A	SPST	5	0.5	1	.98	.94	.89	.82
816-9007-12-00	9007-12-00	A	SPST	12	0.5	1	1.02	.96	.89	.82
816-9081-05-00	9081-05-00	B	SPST	5	0.5	1	2.06	1.90	1.75	1.65
816-9081-12-00	9081-12-00	B	SPST	12	0.5	1	2.06	1.90	1.75	1.65

SURFACE MOUNT REED RELAY

Features:

- 50Ω Coaxial Shield for RF and Fast Rise Time Pulse Switching
- External Magnetic Shield

Specifications:

- Storage Temp: -35°C to +100°C
- Operating Temp: -20° to +85°C
- Vibration: 20G's to 2000Hz; Shock: 50G's

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Coto Part No.	Fig.	Circuit	Coil Voltage DC	Switching Current	Carry Current (A)	Price Each			
							1	10	50	100
816-9201-05-00	9201-05-00	C	SPST	5	0.5	1.5	4.54	3.86	3.49	3.12
816-9202-05-00	9202-05-00	D	SPST	5	0.5	1.5	4.19	3.99	3.79	3.47
816-9202-05-20	9202-05-20	E	SPST	5	0.5	1.5	4.19	3.99	3.79	3.47
816-9290-05-00	9290-05-00	F	SPST	5	0.5	1.5	4.51	4.31	4.08	3.79
816-9402-05-00	9402-05-00	G	SPST	5	0.5	1	4.97	4.73	4.50	4.12
816-9402-05-20	9402-05-20	H	SPST	5	0.5	1	4.97	4.73	4.50	4.12
816-9802-05-00	9802-05-00	I	SPST	5	0.25	0.5	6.49	6.18	5.86	5.38
816-9802-05-20	9802-05-20	J	SPST	5	0.25	0.5	6.49	6.18	5.86	5.38

MAGNETICALLY SHIELDED SURFACE MOUNT REED RELAY

Features:

- High Insulation Resistance: $10^{12}\Omega$
- High Speed Switching
- Small Surface Mount Package (0.225" x 0.550")
- 50Ω Coaxial Shield for RF and Fast Rise Time Pulse Switching

Specifications:

- Storage Temp: -35°C to +100°C
- Operating Temp: -20° to +85°C
- Vibration: 20G's to 2000Hz; Shock: 50G's



RoHS Compliant

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Coto Part No.	Fig.	Circuit	Coil Voltage DC	Switching Current	Carry Current (A)	Price Each			
							1	10	50	100
816-9814-03-00	9814-03-00	K	SPST	3.3	0.25	0.5	7.31	6.96	6.61	6.06
816-9814-03-20	9814-03-20	L	SPST	3.3	0.25	0.5	7.31	6.96	6.61	6.06
816-9814-05-00	9814-05-00	K	SPST	5	0.25	0.5	7.31	6.92	6.61	6.06
816-9814-05-20	9814-05-20	L	SPST	5	0.25	0.5	7.31	6.96	6.61	6.06

SURFACE MOUNT FORM C REED RELAY

Features:

- High Insulation Resistance: $10^{12}\Omega$
- High Speed Switching
- Small Surface Mount Package (0.225" x 0.550")
- 50Ω Coaxial Shield for RF and Fast Rise Time Pulse Switching
- External Magnetic Shield

Specifications:

- Storage Temp: -35°C to +100°C
- Operating Temp: -20° to +85°C
- Vibration: 20G's to 2000Hz; Shock: 50G's

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Coto Part No.	Fig.	Circuit	Coil Voltage DC	Switching Current	Carry Current (A)	Price Each			
							1	10	50	100
816-9852-05-00	9852-05-00	K	SPDT	5	0.1	0.2	27.55	26.22	24.89	22.83



DIMENSIONS: in. (mm)

A Dimensions: .780 (19.3) w/Shell, .300 (7.6) w/Shell, .320 (8.1) w/Shell, .020 (0.5), .010 (.254), .020 (0.51), .200 (5.08), .125 (3.18), .200 (5.08) w/Shell

B Dimensions: .890 (22.6), .275 (6.98) w/Shell, .295 (7.5) w/Shell, .315 (8.0) w/Shell, .325 (8.25) w/Shell, .010 (.254), .020 (0.51), .200 (5.08), .600 (15.24), .800 (20.32)

C Dimensions: .240 (6.10), .900 (22.86), .010 (0.25), .150, .020 (0.51)

D Dimensions: .240 (6.10), .900 (22.86), .010 (0.25), .75, .020 (0.51)

E Dimensions: .190 (4.83), .900 (22.86), .010 (0.25), .75, .020 (0.51)

F Dimensions: .176 (4.4) w/Cover, .176 (4.4), .670 (17.01) w/Cover, .050 (1.27), .800±.012 (20.32±.304), .020 (0.51)

G Dimensions: .225 (5.71), .225 (5.74), .025 (0.64), .700 (17.78), .150 (3.80), .020 (0.51)

H Dimensions: .225 (5.71), .225 (5.74), .025 (0.64), .500 (12.70), .150 (3.80), .020 (0.51)

I Dimensions: .400 (10.16), .195 (4.95), .180 (4.57), .375 (9.52), .010 (0.25), .040 (1.02), .015 (0.38), .460 (11.68)

J Dimensions: .440 (11.17), .195 (4.95), .200 (5.08), .375 (9.52), .010 (0.25), .040 (1.02), .015 (0.38), .380 (9.65)

K Dimensions: .400 (10.16), .195 (4.95), .170 (4.31), .460 (11.68), .010 (0.25), .040 (1.02), .015 (0.38), .510 (12.9)

L Dimensions: .375 (9.52), .195 (4.95), .190 (4.82), .440 (11.18), .010 (0.25), .040 (1.02), .015 (0.38), .190 (4.82)