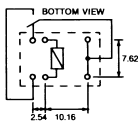


PCB Relays

Subminiature – G2E Series



- SPCO contacts
- Flux sealed
- Sensitive coil version (200mW) available

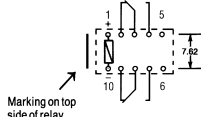
L = 15.5, W = 10.5, H = 11.5

Contact arrangement	SPCO	Operate/Release	5ms/3ms
Contact rating	0.5A @ 110V ac 1A @ 24V dc	Coil operating range	Standard 70 – 110% High sensitivity 80 – 130%
Contact material	Gold clad silver palladium	Temperature range	-25°C to +60°C
Coil consumption	Standard 450mW	High sensitivity	200mW

REL024

COIL		Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+ 500+
Sealed SPCO – G2E-184P-M Series						
5V dc	56	.170-252				
6V dc	80	.103-276				
12V dc	320	.178-770				
24V dc	1280	.178-771				
Sealed High Sensitivity SPCO – G2E-184PH-M Series						
5V dc	120	.170-891				
12V dc	700	.178-773				
24V dc	2800	.178-774				

Subminiature – High Sensitivity – G6H Series



L = 14.0, W = 9.0, H = 5.0
Pin spacing = 2.54

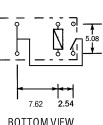
- SPCO high sensitivity relay
- Gold plated crossbar contacts
- 80mW coil pick up power
- Sealed to IP67
- Low level switching with high operating speed
- Ideal for telecom and instrumentation applications
- Surface mount version available
- UL and CSA approved
- Conforms to FCC Part 68

Contact arrangement	DPCO, bifurcated contacts
Contact rating	0.5A @ 125V ac, 1A @ 30V dc
Max. switching voltage	125V ac, 110V dc
Contact material	Gold plated silver
Coil consumption (nominal)	140mW, (24V dc 200mW)
Operate/Release (max.)	3ms/2ms
Coil operated range	75 – 150% (@ 23°C)
Temperature range	-40°C to +70°C (PCB type) -40°C to +85°C (SM type)

rel103

COIL		Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+ 500+
PCB – DPCO – G6H-2100 Series						
5V dc	178	.177-825				
12V dc	1028	.177-826				
24V dc	2880	.177-827				
Surface Mount – DPCO – G6H-2F Series						
5V dc	178	SMD.466-943				
12V dc	1028	SMD.466-955				
24V dc	2880	SMD.466-967				

Subminiature – High Sensitivity – G5V-1 Series



- SPCO contacts
- High sensitivity 150mW coil
- Wide switching capacity of 1mA to 1A
- Fully sealed
- UL and CSA approved
- Conforms to FCC Part 68

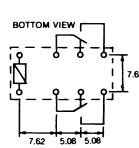
L = 12.3, W = 7.3, H = 9.9

Contact arrangement	SPCO	Coil consumption (nom.)	150mW
Contact rating	1A @ 24V dc, 0.5A @ 125V ac	Operate/release (max.)	5ms/5ms
Contact material	Gold clad silver	Coil operating range	80% – 200% (@ 55°C)
		Temperature range	-40°C to +70°C

rel158

COIL		Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+ 500+
SPCO – G5V-1 Series						
5V dc	167	.466-888				
12V dc	960	.466-890				
24V dc	3840	.466-906				

Subminiature – G5V-2 Series



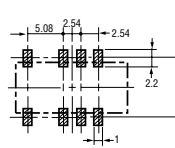
- DPCO contacts
- Fully sealed
- 10mA to 2A switching
- Bifurcated contacts ideal for signal switching
- UL and CSA approved
- Conforms to FCC Part 68

Contact arrangement	DPCO	Coil consumption	500mW
Contact rating	2A @ 30Vdc 0.5A @ 125V ac	High sensitivity	150mW
Contact material	Gold clad silver	Operate/Release	7ms/3ms
Dielectric strength	1000V ac (coil-contact)	Coil operating range	75% – 120%
		Temperature range	-25°C to +65°C

rel118

COIL		Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+ 500+
DPCO – G5V-2 Series						
4.5Vdc	40	.635-510				
5Vdc	50	.179-350				
9Vdc	162	.635-522				
12V dc	288	.179-351				
24V dc	1152	.179-352				
48Vdc	4000	.635-534				
High Sensitivity DPCO – G5V-2-HI Series						
5Vdc	166	.635-546				
9Vdc	540	.635-558				
12Vdc	960	.635-560				
24Vdc	2880	.635-571				

Subminiature – High Sensitivity – G6S Series



G6S-2FY Series
L = 15, W = 7.5, H = 9.4

G6S-2FY
Top View

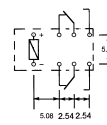
- Surface mount relay conforming to EN60950 supplementary isolation requirement
- Long terminals for soldering and mounting reliability
- High dielectric withstand voltage 2kV coil-contact, 1.5kV contact-contact
- High coil sensitivity (140mW)
- UL and CSA approved

Contact arrangement	DPCO	Coil operating range	75%–170%
Contact rating	0.5A @ 125V ac, 2A @ 30Vdc	Operate/release	4ms/4ms
Contact material	Gold plated silver	Temperature range	-40°C to +85°C
Coil consumption	140mW		

rel210

COIL		Price Each			
Volts	Ω	Order Code	1+	20+	100+ 500+
DPCO Outside-L Terminals – G6S-2FY Series					
5V dc	178	.959-248			
12V dc	1028	.959-250			
24V dc	2880	.959-261			

Subminiature – High Sensitivity – G6S Series



L = 14.8, W = 7.3, H = 10.8

- DPCO contacts
- Satisfies BELL-CORE requirements for 2.5K coil/contact isolation
- Lower power consumption
- Fully sealed
- UL and CSA approved

Contact arrangement	DPCO, bifurcated crossbar	Coil consumption (nom.)	140mW (5V, 12V), 200mW (24V)
Contact rating	2A @ 30V dc, 0.5A @ 125V ac	Operate/release	2.5ms/1.5ms
Contact material	Gold plated silver	Coil operating range	75 – 140% (@ 70°C)
Max. switch voltage	220V dc, 240V ac	Temperature range	-40°C to +85°C

rel155