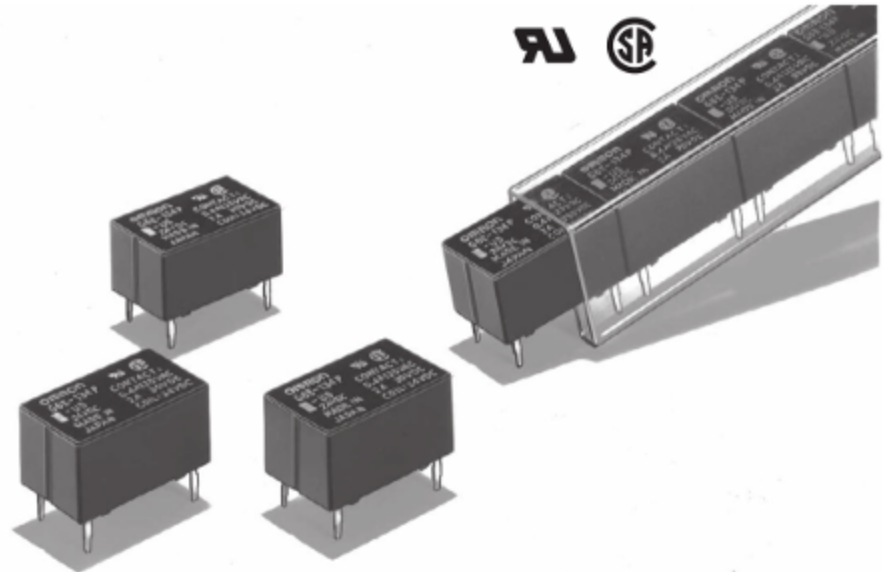


G6E

Low Signal Relay

Subminiature, Sensitive SPDT Signal Switching Relay

- High sensitivity: 98-mW (Rated power consumption: 200mW) pickup coil power.
- Impulse withstand voltage of 1,500V (10×160 μs) meets FCC requirements.
- Stick packing employed in consideration of supporting automatic implementation.
- Plastic-sealed model that allows automatic soldering.
- New series of ultrasonically cleanable models is available.
- Standard model conforms to UL/CSA standards.



RoHS Compliant

Model Number Legend

G6E-□-□□□□□-□-□
 1 2 3 4 5 6 7 8

1. Relay Function

None : Single-side stable
 U : Single-winding latching
 K : Double-winding latching

2. Number of poles/Contact Form

1: 1-pole/SPDT (1c)

3. Contact Type

3: Bifurcated crossbar Ag (Au-Alloy) contact

4. Enclosure Rating

4: Fully sealed

5. Terminals Shape

P: PCB terminals

6. Classification

None : Standard

L : Low sensitivity coil (400 mW)

7. Approved Standards

US: UL, CSA
 (UL: FILE No.E41515
 CSA: FILE No.LR31928)

8. Special Function

None : Standard
 U : For ultrasonically cleanable

Application Examples

- Telecommunication equipment
- Office automation machines
- Industrial equipment
- Security equipment

Ordering Information

Standard Models (UL, CSA certified)

Relay Function	Single-side stable				Single-winding latching		Double-winding latching				Minimum packing unit
Classification	Standard		Low-sensitivity		Standard		Standard		Low-sensitivity		
Contact form	Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	
SPDT (1c)	G6E-134P-US	5 VDC	G6E-134PL-US	5 VDC	G6EU-134P-US	5 VDC	G6EK-134P-US	5 VDC	G6EK-134PL-US	5 VDC	25 pcs/tube
		6 VDC		6 VDC		6 VDC		6 VDC			
		9 VDC		9 VDC		9 VDC		9 VDC		-	
		12 VDC		12 VDC		12 VDC		12 VDC		12 VDC	
		24 VDC		24 VDC		24 VDC		24 VDC		24 VDC	
		48 VDC		-		-		-		-	

Models for Ultrasonically Cleanable

Relay Function	Single-side stable				Single-winding latching		Double-winding latching		Minimum packing unit
Classification	Standard		Low-sensitivity		Standard		Standard		
Contact form	Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	
SPDT (1c)	G6E-134P-US-U	5 VDC	G6E-134PL-US-U	5 VDC	G6EU-134P-US-U	5 VDC	G6EK-134P-US-U	5 VDC	25 pcs/tube
		6 VDC		-		-		-	
		9 VDC		-		-		-	
		12 VDC		12 VDC		12 VDC		12 VDC	
		24 VDC		24 VDC		-		24 VDC	
		48 VDC		-		-		-	

Note: When ordering, add the rated coil voltage to the model number.

Example: G6E-134P-US 5 VDC

Rated coil voltage