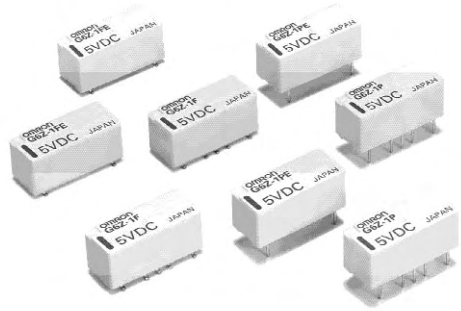


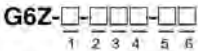
Surface-mounting, 2.6-GHz-Band, Miniature, SPDT, High-frequency Relay

- ROHS compliant.
- Superior high-frequency characteristics, such as an isolation of 30 dB min., insertion loss of 0.5 dB max., and V.SWR of 1.5 max. at 2.6 GHz.
- Surface-mounting terminals and superior high frequency characteristics combined using semi triplate strip transmission lines.
- Miniature dimensions of 20 x 8.6 x 8.9 mm (L x W x H).
- Choose from a lineup that includes single-winding latching models (200 mW), double-winding latching models (360 mW), and models with a reverse contact arrangement.
- Series includes models with an E-shape terminal structure (same as existing models), and models with a Y-shape terminal structure, allowing greater freedom with PCB design.
- Models with 75-Ω impedance and models with 50-Ω impedance are available.



Ordering Information

Model Number Legend



1. Relay Function

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

2. Contact Form

- 1: SPDT

3. Terminal Shape

- F: Surface-mounting terminals
- P: PCB terminals

4. Terminal Structure

- None: Y-shape terminal structure
- E: E-shape terminal structure

5. Characteristic Impedance

- None: 75 Ω
- A: 50 Ω

6. Contact Arrangement

- None: Standard contact arrangement
- R: Reverse contact arrangement

■ List of Models

Standard Models with PCB Terminals

Classification	Structure	Contact form	Terminal arrangement	Characteristic impedance	Rated coil voltage	Model		
Single-side stable	Plastic sealed	SPDT	E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1PE		
				50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1PE-A		
			Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1P		
				50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1P-A		
Single-winding latching			Plastic sealed	SPDT	E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1PE
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1PE-A
					Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1P
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1P-A
Double-winding latching	Plastic sealed	SPDT			E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1PE
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1PE-A
					Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1P
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1P-A

Standard Models with Surface-mounting Terminals

Classification	Structure	Contact form	Terminal arrangement	Characteristic impedance	Rated coil voltage	Model		
Single-side stable	Plastic sealed	SPDT	E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1FE		
				50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1FE-A		
			Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1F		
				50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6Z-1F-A		
Single-winding latching			Plastic sealed	SPDT	E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1FE
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1FE-A
					Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1F
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZU-1F-A
Double-winding latching	Plastic sealed	SPDT			E-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1FE
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1FE-A
					Y-shape	75 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1F
						50 Ω	3, 4.5, 5, 9, 12, and 24 VDC	G6ZK-1F-A

Note: When ordering tape packing (surface-mounting models), add “-TR” to the model number. “-TR” does not appear on the Relay itself.

Application Examples

These Relays can be used for switching signals in media equipment.

- **Wire communications:**

Cable TV (STB and broadcasting infrastructure), cable modems, and VRS (video response systems)

- **Wireless communications:**

Transceivers, ham radios, car telephones, ETC, ITS, high-level TV, satellite broadcasting, text multiplex broadcasting, pay TV, mobile phone stations, TV broadcasting facilities, and community antenna systems

- **Public equipment:**

TVs, TV games, satellite radio units, car navigation systems

- **Industrial equipment:**

Measuring equipment, test equipment, and multiplex transmission devices