G6B PCB Power Relay

High Capacity and High
Dielectric Strength Miniature
Relay with Fully Sealed
Construction in 5 A (8 A)
SPST-NO (1a),
SPST-NO (1b),
DPST-NO (2a),
DPST-NC (2b) Types

- High sensitive with operating power of 98 mW.
 (G6B-1114P-US and G6B-1174P-US models)
- High insulation with dielectric strength of 3,000VAC between coil and contacts (impulse withstand voltage of 6 kV).
- Stick packing models are provided in consideration of compatibility to the automatic production line.
- Standard model conforms to UL/CSA standards. Other SEV approved models are also available.
- AgSnIn contacts suitable for loads that generate surge voltage such as inductive load and capacity load etc. are available for the whole product line.
- Ultrasonically cleanable models is available.
- Operation indicator & surge absorption diode are built-in for the whole product line.
- Double-pole type is available for the whole product line.

RoHS Compliant



Ideal for output applications of control equipments

■Model Number Legend

1. Relay Function

None: Single-side stable

U : Single-winding latching(G6B□-1114 models only)

K : Double-winding latching(G6B□-1114 models only)

2. Number of poles

1: 1-pole

2: 2-pole

3. Contact Form

1: SPST-NO (1a)

1: SPST-NO (1a)+SPST-NC (1b)

2: DPST-NO (2a)

0: DPST-NC (2b)

4. Classification

1: Standard

7: High-capacity

5. Enclosure rating

4: Fully sealed

7: Flux protection

6. Terminal Shape

P: PCB terminals

Socket mounting terminals

None: Standard (Ag-alloy (Cd free))

FD: AgSnIn contact

7. Contact material

(Suitable for DC inductive load with

high inrush current)

8. Operation Indicator Diode Availability

None: Standard

ND: Operation indicator & coil surge

absorption diode (for -1177 type only)

9. Approved Standards

US: UL/CSA

10. Washability

None: Standard

U : For ultrasonically cleanable

11. Mounting

None: Mounted directly to PCB P6B: Mounted to Socket