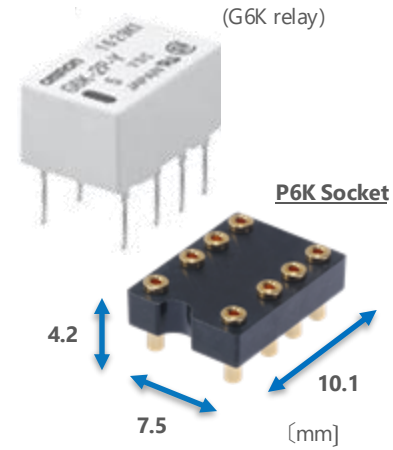


P6K

Surface Mount Connecting Socket, for G6K PCB terminal relays

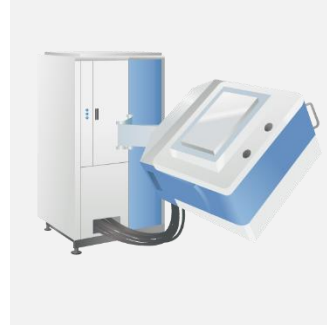
As semiconductors become more multifunctional, there is a growing demand for highly reliable testing and inspection. Mechanical relays, which emphasize reliability, tend to be used for such signal testing. However, as the lifespan of testing equipment becomes longer, frequent replacement of relays becomes an issue



Features & Benefits

This product is particularly suitable for applications requiring highly reliable testing, such as semiconductor test equipment (but is not limited to this). Proposing relay with socket contributes less time and cost when customers carry out maintenance work to change relays. To use relays with socket eliminates the need for conventional melting solder and relay re-mounting work. Furthermore, it is available as surface mount type suitable for reflow mounting.

Applications



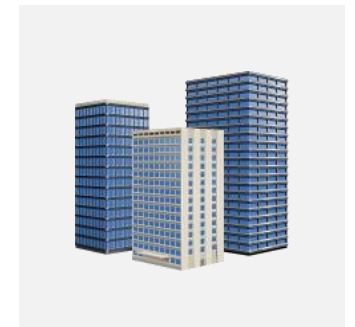
Semiconductor Inspection Equipment



Various Inspection Equipment



Various Industrial Equipment



Building Automation or Security

Specifications ^{*1}

Model Number	
Rated Carry Current	1A
Contact Resistance ^{*2*3}	30mΩ Max. (20mVDC 100mA applied)
Insulation Resistance	1,000MΩ Min. (at DC500V)
Ambient Temperature Range	-40 to +85 °C (with no icing or condensation)

*Note: The above values are the initial values of the product

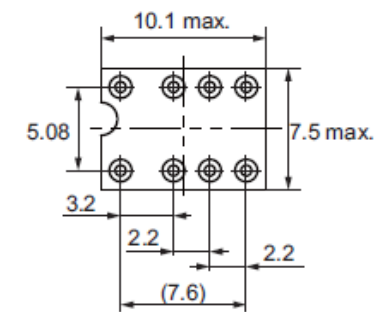
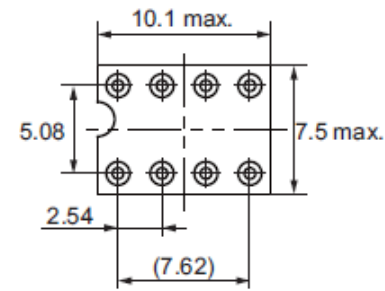
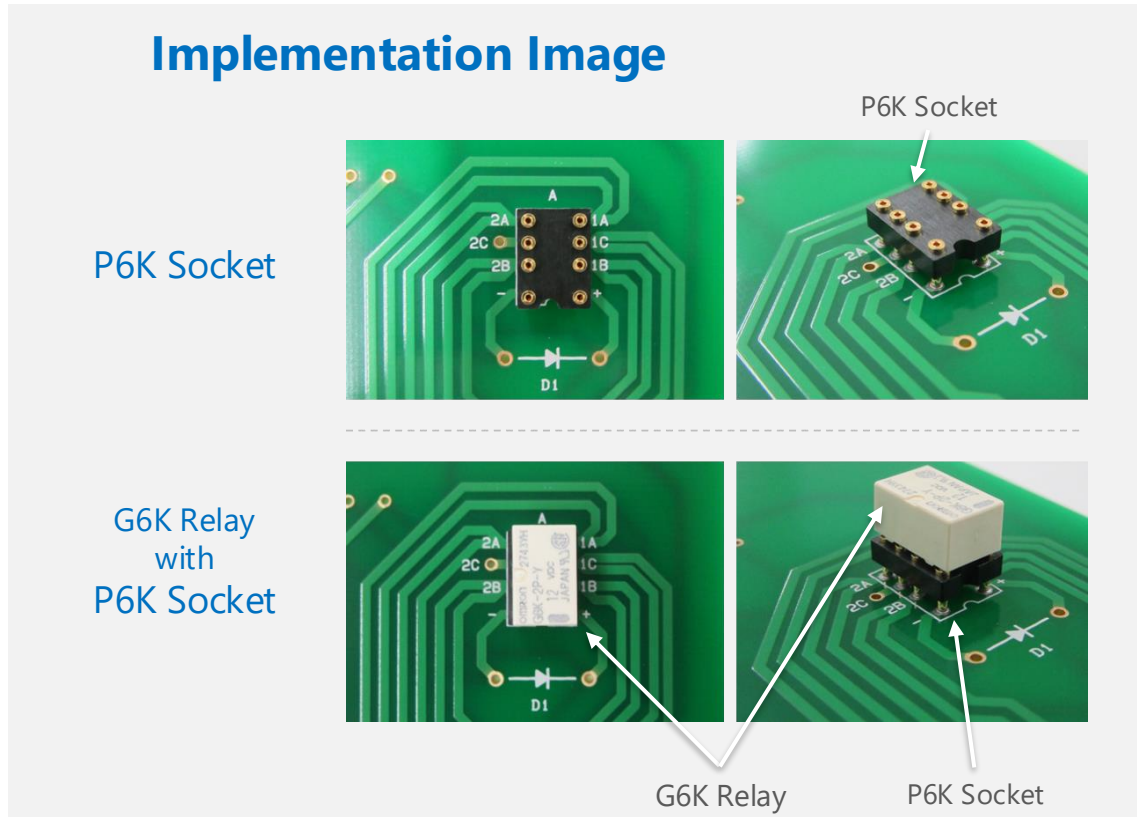
*1: For items where the standard values or conditions differ between G6K (relay) and P6K (socket), please use within the conditions specified for the socket.

*2: Use the voltage-drop method with a current of 100 mA applied.

*3: This is the value for one terminal.

Model Number Variations

Model Number	Description
P6K-08F	socket for G6K-2P relay
P6K-08F-Y	socket for G6K(U)-2P-Y relay



Same as G6K relay, Two types of terminal arrangements are available.

When G6K relay is fully inserted into the socket, total height of relay and socket is 9.3 (mm) Max..