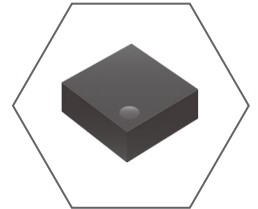




## New Product Introduction

# PhotoMOS<sup>®</sup> CC TSON 1 Form B Semiconductor Relays Panasonic's Newest TSON Capacitor Coupled Isolation Relay



### Low Current and High Temperature in a Miniature Thin Slim Outline Non-lead Package

Panasonic, a worldwide leader in Relay Products, announces the **New PhotoMOSCC Semiconductor Relay** with a super small TSON package, an oscillation circuit, and a built-in capacitor coupled isolation driver IC. These new **PhotoMOS CC Relays** are the latest version of this technology, which now is available as a 1 Form B, customarily closed, contact arrangement. The New PhotoMOS CC differs from traditional PhotoMOS products, which use an optically coupled isolation and the current driving method.

Removing the LED from the Relay allows the PhotoMOS CC 1 Form B Type to offer four significant benefits:

- 1) Smaller package size of 0.8 x 1.95 x 1.8 mm, which is the equivalent of 46% less mounting area than Panasonic's previous SON type package
- 2) Low power consumption with an input current of only 0.2mA maximum
- 3) High operating temperature of 105°C compared to previous 85°C options
- 4) Driven by Voltage instead of Current on the input side

## Features and Benefits

- Ultra-Miniature TSON Package for Space Savings and Density Mounting
- Low Current Consumption of 0.04 mA Typ. Input Current for Energy Savings and Increased Drivability
- High Temperature Performance at 105°C Max.
- Voltage Driving Type: 3 V to 5 V
- Closed Contact Arrangement

## Industries

- Test and Measurement
- Telecommunication
- Medical
- Security

## Applications

- IC Tester, Probe Card, Board Tester
- Telecommunication Equipment
- Wearable Device
- Surveillance Cameras, Fire Alarms, Smoke and Heat Detectors
- Electric and Gas Meters