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ASSEMtech
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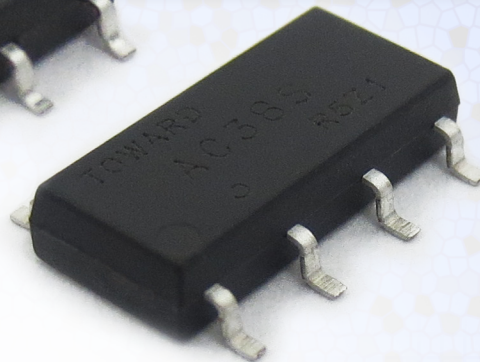
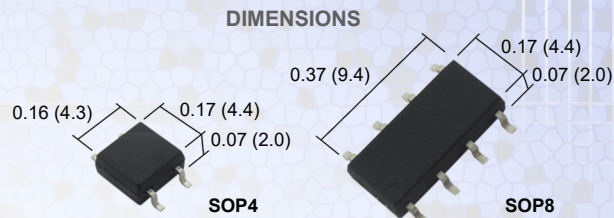
STG

RELAYS-
UNLIMITED.COM

Sensing the world's needs

Comus/Toward PhotoDMOS RELAYS Deliver High Quality

From the Comus Group of Companies



FEATURES

- Industry Standard SOP Packages
- AEC-Q101 Certified
- The Minimum I/O Breakdown Voltage of 1500 Vrms
- AC peak, or DC Output Load Voltages of up to 600 V
- RoHS Compliant
- UL Certified #E344988
- Meets REACH Requirements

We at Comus Group of Companies, in partnership with Bright Toward Industrial, are excited to offer the [38-Q series](#) of PhotoDMOS relays. These high-quality relays are AEC-Q101 certified, making them ideal for automotive applications such as the Battery Management System (BMS) in electric vehicles.

PhotoDMOS relays product line is available in 1A contact form SOP-4 packages and 2A contact form SOP-8 packages. Our 38-Q relays feature a minimum I/O Breakdown Voltage of 1500 Vrms and can handle AC peak or DC Output Load Voltages of up to 600 V.

The 38-Q series relays are competitively priced, UL certified, RoHS compliant, and meet REACH requirements.



APPLICATION: Battery Management Systems

The monitoring of rechargeable batteries is critical because of the high consumer demand for electric vehicles. BMS ensures a safe battery operation while optimizing the battery pack's life. In addition, BMS monitors battery charging and prevents it from overheating.

The high breakdown voltage of 38-Q PhotoDMOS relays makes them ideal for BMS applications that have high-voltage requirements. PhotoDMOS relays contribute to the safer operation of BMS because there are no sticking and welding failures typical for mechanical relays. Furthermore, 38-Q series relays are smaller than comparable mechanical relays, which reduces the BMS board area's size.