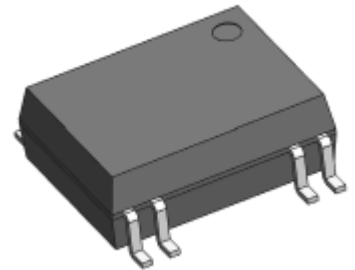


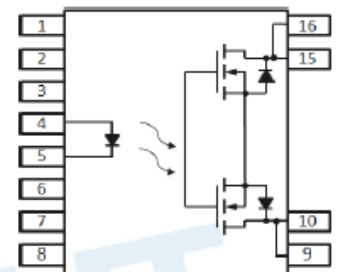
EV16150A-G SSR Form A

EVERLIGHT is pleased to introduce its new Automotive Graded Form A SSR.

The EV16150A-G Series are solid state relays containing an infrared LEDs on the light emitting side (input side) optically coupled to a high voltage output detector circuit. The detector consists of a photovoltaic diode array and MOSFETs on the output side. They can enable AC/DC and DC only output connections. The single channel configuration is equivalent to 1 form A EMR. This SSR came in a 16Pin SOPL Package and is design for the requirements of the Automotive Industry. With a Load Voltage of 1500V this part is suggested for BEV Battery Management Systems.



Schematic



Features:

- Normally Open Signal Pole
- Low Operating Current
- 1500V output withstand Voltage
- Wide Operating Top -40°C to +125°C
- High Isolation Voltage between Input and Output (Viso = 5000 Vrms)
- Pb-Free, Halogen Free, RoHS compliant
- AECQ certified
- UL and cUL approved
- VDE approved
- Comparative Tracking Index > 600

Features:

- EV/Battery Management System
- Industrial Controls
- Automotive

For more information please visit www.everlighteurope.com or contact your Everlight Sales Contact.