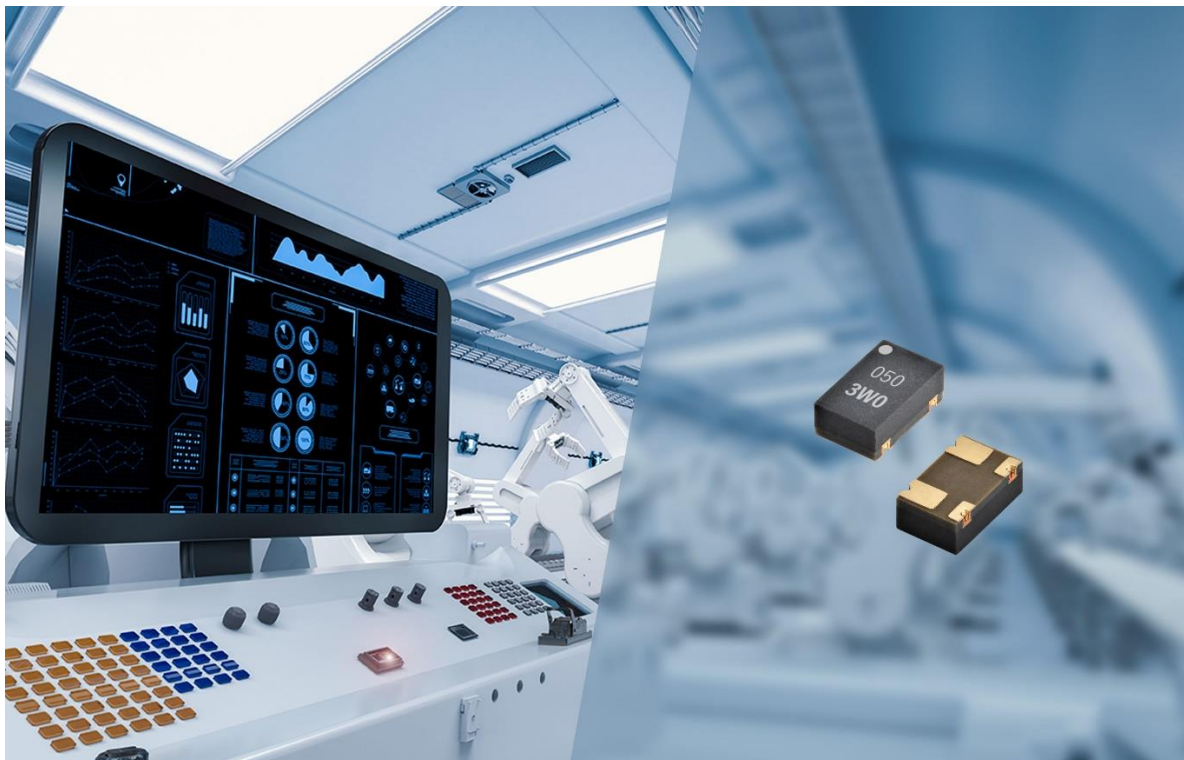


OMRON MOSFET Relay Impresses With Compactness

Hoofddorp, Netherlands, Tuesday, 9 February 2021 – OMRON Electronic Components Europe is proud to launch the G3VM – PSON, an exceptionally compact MOSFET relay with high current capacity for industrial and test applications. With a high continuous load current, low leakage and small packing, the new relay lends itself to exciting applications in data loggers, communication devices and test equipment.

The OMRON G3VM is now available in three versions in an industry standard PSON package with load voltages of 30V (G3VM-31WR), 60V (G3VM-61WR) and 100V (G3VM-101WR), offering a continuous load current of 4.5A, 3A and 2A respectively. All feature a low on-resistance, which is 50mOhm – 200mOhm depending on the version. The higher current in a small package of only 3.4 x 2.1 x 1.3mm helps designers achieve a compact overall board layout. The relay boasts a high dielectric strength of 500VAC between the input and the output and has a leakage current of 1000nA when open. Furthermore, the terminal shape is designed to support the creation of a good soldering joint despite the small size of the device and to support easy solder inspection.

The G3VM – PSON has a range of potential applications. Its ambient operating temperature of -40 deg C to +110 deg C is ideal for demanding industrial environments. Building automation systems and air conditioning will also benefit from the relay.



The new OMRON G3VM - PSON MOSFET relay lends itself to exciting applications in data loggers and test equipment

About OMRON

OMRON Electronic Components Europe is a leader in electromechanical PCB relays, as well as a leading supplier of components such as micro switches, MOSFET relays, DIP switches, photomicrosensors and connectors. OMRON has a strong portfolio of innovative technologies including MEMS based pressure, flow and thermal measurement sensors, human face and gesture recognition modules, vibration and tilt sensors.

OMRON Electronic Components Europe strongly supports its customers in Western and Eastern Europe, Russia and the CIS through 8 regional offices, a network of local offices and partnerships with specialist, local, regional and global distributors.

OMRON Electronic Components Europe is a subsidiary of the OMRON Corporation, recognised worldwide as a leader of high quality, high technology electrical and electronic control equipment and component products.

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