

ITG Electronics, Inc. New High-Voltage Surface Mount Device Inductors

ITG Electronics, Inc. has introduced a new Surface Mount Device series; the PQ108081H Series is now available and perfect for any high voltage application.

The key for ITG Electronics success with the high-voltage SMD inductor is an adoption of more robust design materials, which helps the part, not only withstand higher voltages but also ensure a prolonged lifespan. The PQ108081H series can protect surges up to 400 Volts, which is a broad increase from traditional SMD inductors that can max out at about 100 Volts. This part is designed to meet the higher power current inverter or DC-to-DC converter needs of industrial equipment, the robust, reliable PQ108081H series exemplifies ITG Electronics, Inc. emerging prominence in high power density solutions.

ITG Electronics, Inc. has also recently released a 400 Volt drum inductor L201392A Series. In the near future, ITG Electronics plans to expand and introduce more 400 Volt additions to the L5100 and L5104 series of Boost and Storage Inductors.

Features

- Ferrite Based SMD Inductor with lower core loss
- Inductance Range: 100uH up to 1000uH
- Surge Voltage: 400 VDC
- Operating Temperature Range: -55°C to +130°C
- RoHs & HF Compliant
- High energy storage capability, low DC resistance

Applications

- High Current POL Converters
- Server and Storage Applications
 - Industrial Applications
 - DC/DC Converter
 - Automotive

Part Numbers for PQ108081H Series on Digi-Key

1. 3013-PQ108081H-101MHFTR-ND
2. 3013-PQ108081H-102MHFTR-ND
3. 3013-PQ108081H-151MHFTR-ND
4. 3013-PQ108081H-221MHFTR-ND
5. 3013-PQ108081H-331MHFTR-ND
6. 3013-PQ108081H-471MHFTR-ND
7. 3013-PQ108081H-561MHFTR-ND
8. 3013-PQ108081H-681MHFTR-ND
9. 3013-PQ108081H-821MHFTR-ND

ITG Part Photo Link:

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