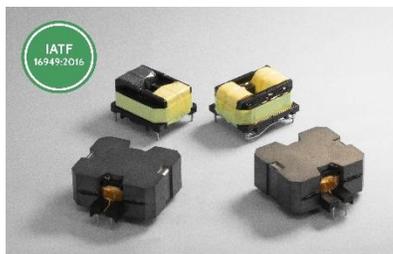


PALPILOT

QUARTERLY NEWSLETTER

Driving with the Automotive Trend *Acquiring IATF16949 Certification in Magnetics*

PalPilot's magnetics manufacturing facility in Taiwan announced this month its achievement of the [International Automotive Task Force \(IATF\) 16949 certification](#); applicable to the designing and manufacturing of discrete magnetic components for automotive applications. Strategically establishing itself in the automotive sector amid the industry's rapidly growing manufacture demands. According to a recent global automotive industry report by McKinsey & Company, global revenues for automotive OEMs are expected to rise significantly by 2020 ([Source: McKinsey & Company](#)). Mark Saxon, Director of Magnetic Solutions stated that, "Our recent certification will enable PalPilot to support custom magnetic power solutions for most in-car electronic applications".



The facility's own Quality Management Systems (QMS) was assessed and registered by the NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX, Bedfordshire England under the provisions of (IATF) 16949:2016. This is an important accomplishment for PalPilot's manufacturing facility as it indicates the successful implementation of a QMS that delivers continual improvement, underlines defect prevention, contains specific requirements for the automotive industry, and promotes reduction of variation and waste in the supply chain.

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New 2.0mm Hard Metric Connector *Proven Reliability and Performance*

PalPilot has introduced this week, a new line of Backplane Connectors to join the company's extended connector offerings. The [2.0mm HM Series](#) are an excellent choice for the Telcom and Datacom Industries, providing precision connector solutions to meet the rigorous industry requirements. The 2.0mm Hard Metric Series are supported by PalPilot's expert engineers in order to provide custom connection solutions to any PCB need.



The 2.0mm HM Connectors are built for reliability and performance, with features such as:

- Custom alignment solutions
- Press-Fit Technology
- Optional Coding Keys
- Location Post (to ensure orientation to PCB)
- Shielded and Unshielded
- Backplane Applications

The new line of [2.0mm HM Series](#) are offered in a variety of custom and standardized designs, available in both header and socket options. The series also come with HM and AMC edge card connectors for additional product solutions.

PalPilot Product & Service Updates

HDI Design with DFM in Mind

Blind Vias that go from outer layers of a PCB down to the next inner layer uses laser drilling, not mechanical drilling. The blind via drills should be set-up as 4 mils and the pads at 10 mils. The blind vias must be plated shut with copper for a smooth surface. PalPilot engineers are well-versed experts, offering solutions in [HDI design](#).

Clamp-On Current Transformer

PalPilot adds a series of Clamp-On [Current Transformers](#) (CT's). The CT's can be mounted to existing panels, such as control centers or load centers, to measure or monitor wattage. These CT's can be mounted without removing existing cables for easier installation. Custom design turns-ratio available.

Bigger, Better Device Displays

PalPilot's [Component Cable Division](#) offers USB Type-C alternate modes, using latest USB standards to provide a simple video cable for any device. This HDMI to USB cable uses a Type-C port, with a trident symbol and DP symbol to verify high speed for streaming quality. With this easy setup, there is no installation needed.

