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Contract manufacturer helps reduce package costs with economical TO-style cans...

AVO PHOTONICS PROVIDES CUSTOMERS WITH TO-CAN PACKAGING CAPABILITIES, INCLUDING TO-38 ASSEMBLY

HORSHAM, Penn. (Oct. 29, 2004) – Avo Photonics, specialists in RF and optical packaging solutions, recently began offering design, development and manufacturing services for TO-can packages, including TO-38 assembly. Avo also offers additional TO-styles, including TO-3, TO-46 and TO-56. Avo supports the design and production of TO-cans – and other packaging needs – from start to finish for all markets, including telecommunications, military/aerospace and medical/industrial.

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AVO PHOTONICS OFFERS TO-CAN ASSEMBLY, PAGE 2

“Avo continues to provide us with extremely high-quality engineering design work and manufacturing, with detailed attention paid to design for manufacture and qualification from the concept stage,” said Tom Haslett, CTO of Photonami. “Avo has consistently demonstrated a high level of expertise in the design and assembly of TO and other optical subassemblies. In all our projects with Avo, we have enjoyed the strong commitment to design for manufacture, quality-controlled manufacturing and meeting aggressive deadlines.”

“Many OEMs are looking to move away from more expensive packaging solutions, such as butterfly designs,” said Dr. Paul Magill, CTO and vice president of business development at Avo. “By offering assembly and design for a variety of TO-style packages, we can help simplify solutions and reduce customer costs.”

In addition to offering assembly services, Avo works with customers to transition designs from complex packages such as a butterfly to TO-can designs. A broad range of experience in both TO-Can and butterfly designs provides Avo customers with the flexibility to identify and create the right packaging solution for each of their individual needs. Avo provides complimentary initial technical consultation and proposals in as little as 24 hours.

Avo supports its design capabilities with a complete suite of modeling tools, including RF, optical, thermal and mechanical analysis, ensuring that products are ready for immediate prototyping and low-volume production, as well as the ability to flow to high-volume production without having to retool or requalify the design. In addition to TO-cans, Avo also provides support for a complete range of custom and standard package designs.

Manufacturing processes to support these packages include: laser welding, die bonding, flip chip, wire bonding, seam sealing and optical fiber attach. Avo also provides failure analysis, and supply chain management. Avo’s philosophy is to provide the customer with the design that is best suited for their product and their market, whether it is a custom or standard package.

For a complete overview of Avo Photonics’ service offerings, visit www.avophotonics.com or call (919) 593-2571.

About Avo

Founded in 2004, Avo Photonics specializes in design and manufacturing solutions for photonic and microelectronic packaging, assembly, and test for the communications, military/aerospace, and medical/ industrial markets. Avo’s mission is to develop cost-effective manufacturing solutions for customers while providing support from design to production for products in all markets. Avo can be found on the Internet at www.avophotonics.com.

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