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**SMI POF SOCKET IN SMT**



**Binghamton, NY—September 29, 2006**—Electronic Links International, Inc. today announces a new SMI (Small Media Interface) with surface mount leads. This configuration is in addition to the through-hole configuration already introduced. The connector is intended to be used in communication links over plastic optical fiber (POF) for high-speed home, office, and industrial networks and other applications.

Compliant with the International Electrotechnical Commission standard (IEC 61754-21), the company's new connector system uses RCLED-based light sources from Firecomms, Ltd. that operate at 100 Mbps (125 Mb) for 100 meters, and 200 Mbps for a distance of 50 meters. With a maximum insertion loss of 3.0 db with 500 cycles of durability, this new connector system uses plastic optical duplex cable assemblies of up to 100 meters that also are provided by Electronic Links.

This new mounting configuration greatly improves to amount of PCB space used by eliminating the PCB vias. It has a high temperature plastic body suitable for reflow soldering. It has a maximum mating force of 3.0 kgf, with an unmating force of .5 to 3.0 kgf, and does not provide EMI interference.

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### **About Electronic Links International**

Electronic Links International, Inc. develops standard and custom connectors and cable assemblies, both in copper and optical fiber. By actively participating in standards committees, and working closely with providers of new technology, this U.S.-based company is positioned to bring cutting-edge technology to market quickly and efficiently.

Additional information about Electronic Links International is available at [www.electronic-links.com](http://www.electronic-links.com).

### **About Firecomms Ltd.**

Firecomms, a compound semiconductor company based in Ireland, develops visible light sources and sensors that light the way for next-generation consumer devices, automotive and home networks, and medical equipment. These devices provide the groundwork that will revolutionize optical data communications for small area networks, such as in-car networks and home networks.

Additional information about Firecomms is available at [www.firecomms.com](http://www.firecomms.com).

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