

Micro-USB Interconnects Save Space and Accelerate Data Transfer



A new series of advanced Micro-USB plugs and sockets with up to 4.8 Gbps data transfer speeds is now available from Keystone Electronics Corporation. These sockets reduce PCB footprints and support On-the Go (OTG) technology for mobile device connectivity without a host computer.

Designed for increased durability, the new USB 2.0 and USB 3.0 products can withstand greater than 10,000 mating cycles. Micro configurations provide the smallest PCB footprint of all USB interconnects, significantly reducing PCB real estate. In addition, a unique socket lead-in design enables blind-mating with the plug. Plugs and Sockets are manufactured with gold plated contacts for reliability and low contact resistance.

The Cat. No. 940TR is a surface mountable Micro-USB 2.0 Type B socket. It is available on tape and reel to simplify pick and place installation. Insulating material is UL94V-0 rated. Cat. No. 955 is a thru-hole mountable Micro-USB, 3.0 Type B Socket that delivers data transfer speeds to 4.8 Gbps. All USB 3.0 sockets are backward compatible with USB 2.0 plugs. They are ideal for use by numerous electronic devices such as digital cameras, mobile phones, flash drives and computer peripherals.

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