

# 3M™ Input/Output Interconnect System 2.0 mm for IEEE 1394

3M now offers an addition to its family of I/O connectors that conforms to the popular IEEE 1394 - 1995 standard, often used in machine vision and industrial control applications. The IEEE 1394 compatible connector system consists of an assortment of six-pin shielded I/O connectors and accessories. Built around a robust ribbon style contact interface for reliable repetitive plug/unplug applications, the product's contact is capable of carrying either signal or power, allowing designers flexibility in the location of power supplies to peripheral devices.

3M IEEE 1394 compatible connectors come in a variety of sizes and configurations:

Boardmount/Wiremount	Configuration	Part Number	Tech Sheet
Boardmount	Straight (Vertical) Through-Hole Plug (Male)	3E106-1230-KV	TS-2397
Boardmount	Right Angle Upright Through-Hole Plug (Male)	3E106-2220 KV	TS-2294
	Right Angle Horizontal Through-Hole Plug (Male)	3E106-0220 KV	TS-2295
Wiremount	Receptacle (Female)	3E206-0100 KV	TS-2296
	Shell Kit for Receptacle	3E306-3200-008	TS-2297

## Fast Facts:

- Suitable for use in challenging environments, such as a factory production floor
- Robust ribbon style contact for reliable, repetitive plugging
- All connectors feature 360 degree shielding for excellent EMI protection
- Contacts can carry signal or power (up to 1A per pin)
- Vibration resistant
- Quick release latch system for connection security and ease of use
- Multiple product configurations for design flexibility
- Polarized to ensure proper cable insertion
- Shell kits contain integrated strain relieving cable clamp
- Wiremount products feature solder termination for quick assembly
- Wiremount receptacle accommodates up to AWG 18 wire
- RoHS compliant\*



3M™ I/O Connectors, Boardmount, Right Angle, Upright and Straight, Vertical



3M™ I/O Connectors, Boardmount, Right Angle, Horizontal



3M™ I/O Connectors, Wiremount Receptacle and Shell Kit

## Related Products:



3M™ Shielded Compact Ribbon Connectors



3M™ Mini Delta Ribbon (MDR) Connectors



3M™ Mini Delta Ribbon (MDR) Cable Assemblies



3M™ Mini-Clamp Connectors



3M™ Shrunk Delta Ribbon (SDR) Connectors

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### Electronic Solutions Division

Interconnect Solutions Division  
6801 River Place Blvd.  
Austin, TX 78726-9000  
1-800-225-5373  
www.3Mconnectors.com

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