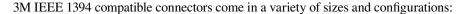
3M[™] Input/Output Interconnect System 2.0 mm for IEEE 1394

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.



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



 $3\mbox{M}^{\mbox{\tiny TM}}$ 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

*"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.

3M is a trademark of 3M Company.

Important Notice

PRODUCT USE: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's application.

Warranty; Limited Remedy; Limited Liability.

3M's product warranty is stated in its Product Literature available upon request. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.



Electronic Solutions Division

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