3M™ Shielded Compact Ribbon (SCR) Connectors

3M now offers a new style of I/O connector for a variety of OEM applications. The 3M Shielded Compact Ribbon (SCR) Connector System consists of an assortment of 10-pin shielded I/O connectors and accessories. Built around a robust ribbon style contact interface for reliable repetitive plug/unplug applications, the SCR system's contact is capable of carrying either signal or power, up to 1A per pin, allowing designers flexibility in carrying power to peripheral devices.

The SCR connector system uses two more pins than popular IEEE 1394 connectors, allowing a similar form factor with increased signal carrying capacity.

The SCR system also offers a unique wiremount plug option, enabling use in midspan or extension applications.

3M SCR Connectors come in a variety of sizes and configurations:

3M™ Shielded Compact Ribbon (SCR) Wiremount Connectors

Boardmount/Wiremount	Configuration	Part Number	Tech Sheet
Boardmount	Right Angle Through-Hole Plug (Male)	36110-2220XX	TS-2223
	Vertical Surface Mount Plug (Male)	36110-1110XX	TS-2224
Wiremount	Plug (Male)	36110-3000XX	TS-2225
	Shell Kit for Plug	36310-F200-008	TS-2226
	Receptacle (Female)	36210-0100XX	TS-2227
	Shell Kit for Receptacle	36310-3200-008	TS-2228

3M™ Shielded Compact Ribbon (SCR) Boardmount Connectors

Fast Facts:

- Broad product lineup for design flexibility
- Polarized to provide proper orientation
- Robust ribbon style contact designed for reliable, repetitive plugging
- All boardmount and wiremount connectors feature 360° 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
- Unique wiremount plug option helps enable midspan and extension applications
- Shell kits contain integrated strain relieving cable clamp
- Wiremount products feature solder termination for quick assembly with no special tooling
- Wiremount products can accommodate up to AWG 18 wire.*
- RoHS compliant**

* See tech sheet for important details.

3M™ Shielded Compact Ribbon (SCR) Shell Kits

3M
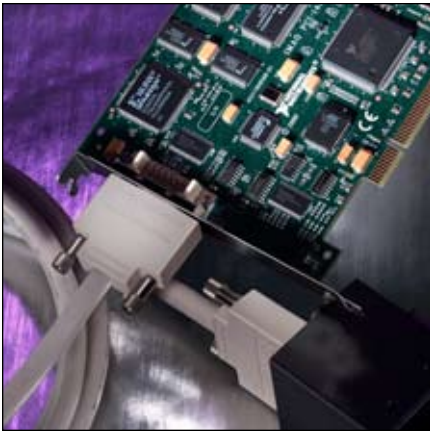
Related Products:

3M™ Mini Delta Ribbon (MDR) Connector

3M™ Wiremount Connector, Mini-Clamp Plug

3M™ Shrunk Delta Ribbon (SDR) Connector

3M™ Molded-On Cable Assembly, 2 mm

3M™ Latch/Eject Header, 2 mm

**"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.

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