

3M Releases Die Cast Version of Mini Delta Ribbon SMT Right Angle Receptacle

In order to better serve high-volume manufacturers, 3M recently released a die-cast version of the Mini Delta Ribbon Surface-Mount Technology (SMT) Right-Angle Receptacle. The new die-cast version is weight-balanced to help prevent tipping during automated soldering operations. This virtually eliminates the need for costly and time-consuming pre-solder hold-down operations, thus helping to decrease board fabrication cycle time.

3M MDR Receptacles are designed to be used in a broad range of I/O applications where reliable, repeatable box-to-box interconnection is required. Customer applications include: motion control, industrial handheld, medical imaging and network communication. Featuring equal solder tail lengths that are designed to meet the demand between/within pair skew requirements of today's LVDS protocols, 3M MDR SMT Receptacles can be used with popular LVDS standards such as Camera Link™, Channel Link®, FlatLink™ and PanelLink®.

The die-cast version provides added robustness and overall better EMI shielding than molded plastic body versions often used in I/O applications.

For more information about this and other 3M interconnect products, visit the newly redesigned website at <http://www.3M.com/interconnects>.

About 3M Electronic Solutions Division

3M Electronics Solutions Division offers innovative solutions to the electronics market, such as copper interconnect systems; cables and cable assemblies; carrier and cover tapes and trays; flexible circuits; embedded capacitor materials; static control products, and Textool brand test and burn-in sockets.

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit <http://www.3M.com>.

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Photo available on request.

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