

## **3M Introduces New CompactFlash Brand Type II Card Ejectors for Long Guide CFII Headers**

PCB designers can obtain greater design flexibility using three new CompactFlash (CF) Type I and II card ejector designs from the 3M Electronic Solutions Division. The ejectors can be attached to any of the already available 3M long guide CF II headers. 3M long guide CF II headers mate to standard CompactFlash Type I and II flash memory cards.

3M offers three new ejection options. The first - an alternate button ejection configuration - ejects from the left side when attached to a top mount header and the right side when attached to a bottom mount header. When put together with the already available standard ejector, this configuration allows designers the flexibility to put the eject button on either side of their card, regardless of board mount side. A second option - a two push-point eject configuration - uses a top mounted right button/bottom mounted left button mechanism to push against two separate points of the CF card. This option offers a smoother ejection cycle than single push point models. Lastly, there is a latching button ejection configuration, where the latching button clips onto the inserted card to provide additional card holding security. All 3M CF II ejectors are RoHS compliant.(1)

Different ejection options maximize flexibility when solving electronic design challenges in high-end computing, consumer electronics, industrial or factory automation applications, and in amusement and gaming applications. Most often, ejectors are used in applications where CF II headers are at the edge of a PCB; however, they also can be used in storage based, internal board mount applications where customers may want to occasionally eject the CF card for service or upgrade. When added to 3M's broad line of existing CompactFlash headers and ejectors for Type I and II cards, these three new options allow even greater flexibility for designers faced with meeting the challenging requirements of today's electronics marketplace.

### **About 3M Electronic Solutions Division**

The 3M Electronic Solutions Division, headquartered in Austin, Texas, has numerous technologies and provides a wide range of products for the electronics market. It provides products and solutions to meet the electronic industry's challenges of protecting sensitive components and precisely delivering them to the assembly point, as well as flexible and multilayer microinterconnect packaging solutions; embedded capacitance laminate materials, copper and fiber interconnect systems; cables and cable assemblies; static control products, and Textool test and burn-in sockets. The business is part of 3M Company, a \$21 billion diversified technology company with leading positions in consumer and office; display and graphics; electronics and telecommunications; health care; industrial; safety, security and protection services; transportation and other businesses.

### **About 3M - A Global, Diversified Technology Company**

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the people of 3M use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit [www.3M.com](http://www.3M.com).

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(1) "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

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