

Quick Reference Guide: Connectors for Secure Digital (SD) Memory Cards

By linking assorted forms of digital equipment, the SD memory card stores digital files without requiring a computer. Tyco Electronics, an Executive Board member of the SD Association (SDA) standards committee, has kept pace with developments in secure digital technology and is equipped to offer connector solutions to meet customer needs.

FEATURES AND BENEFITS

- Different connector configuration sizes: Standard and Micro
- High-Speed data transfer rate
- Designed for ease of customer use with available push/push and push/pull mating
- Manufactured to meet existing SD memory card standards
- Available in top and bottom mounting configurations

PRODUCT APPLICATIONS

- Digital Cameras and Camcorders
- Cell Phones
- MP3 Players
- Computers

QUESTIONS TO ASK AT DESIGN IN

- What is the difference between push/push and push/pull?

Push/Push = Push SD card in to insert/Push SD card in to eject

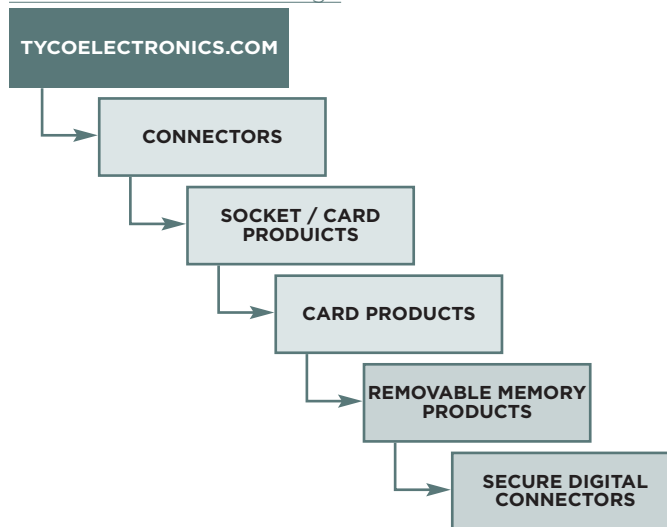
Push/Pull = Push SD card in to insert/Pull SD card out to remove

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<http://www.tycoelectronics.com/products/securedigital>

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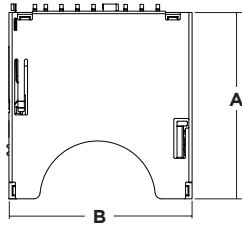
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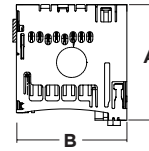
Connectors for SD Memory Cards

SIZE CHART

STANDARD
SD CARD
CONNECTOR



MICRO
SD CARD
CONNECTOR



SD CARD CONNECTOR SELECTION CHART

PART	SIZE	INSERTION / REMOVAL	MOUNTING	PLATING	DIM. A	DIM. B	PACKAGING	FEATURES
2057184								
2057184-1	Standard	Push/Push	Top Mount	30 Au	29.00	28.50	Tray	With Locating Posts
2057184-2	Standard	Push/Push	Top Mount	30 Au	29.00	28.50	Tape and Reel	With Locating Posts
2057184-3	Standard	Push/Push	Top Mount	10 Au	29.00	28.50	Tray	With Locating Posts
2057184-4	Standard	Push/Push	Top Mount	10 Au	29.00	28.50	Tape and Reel	With Locating Posts
2041021								
2041021-1	Standard	Push/Pull	Top Mount	30 Au	25.00	26.60	Tray	With Locating Posts
2041021-2	Standard	Push/Pull	Top Mount	30 Au	25.00	26.60	Tape and Reel	With Locating Posts
2041021-3	Standard	Push/Pull	Top Mount	10 Au	25.00	26.60	Tray	With Locating Posts
2041021-4	Standard	Push/Pull	Top Mount	10 Au	25.00	26.60	Tape and Reel	With Locating Posts
1775059								
1775059-1	Standard	Push/Push	Bottom Mount	5 Au	30.60	29.25	Tape and Reel	Half Insertion Indicator / Short Hold Downs
1775059-2	Standard	Push/Push	Bottom Mount	5 Au	30.60	29.25	Tape and Reel	Half Insertion Indicator / Long Hold Downs
1903572-1	Standard	Push/Push	Top Mount	8 Au	29.70	28.50	Tray	Through Hole Mounting Style
1871602								
1871602-1	Micro	Push/Push	Top Mount	20 Au	15.30	14.60	Tape and Reel	Without Locating Posts
1871602-2	Micro	Push/Push	Top Mount	20 Au	15.30	14.60	Tape and Reel	With Locating Posts
368637-3	Micro/SIM	Push/Push	Top Mount	20 Au	17.60	16.30	Tape and Reel	Micro SD / SIM Combi Connector

Note: All part numbers are RoHS compliant.

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- Downloadable Technical Data Customer Information Presentation
- More detailed information regarding the definitions used above
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