

# 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. TE Connectivity, 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

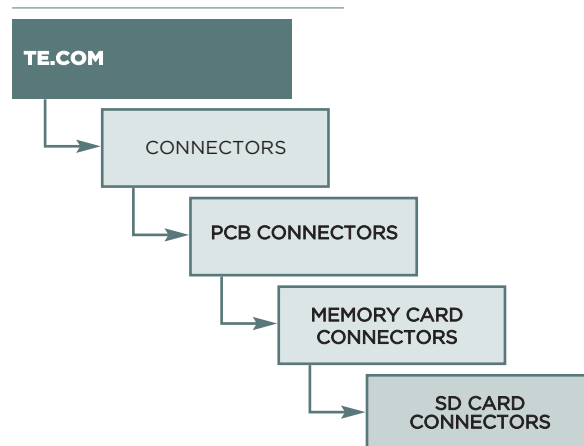
Push/Pull = Push SD card in to insert/Pull SD card out to remove

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<http://www.te.com>

## YOU ARE HERE (E-CATALOG)

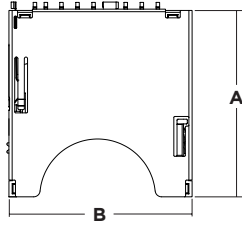
Link: <https://www.te.com/global-en/products/connectors/pcb-connectors/memory-card-connectors/sd-card-connectors.html>  
Breakdown From Main Page



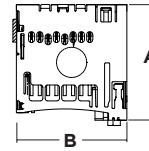
# Connectors for SD Memory Cards

## 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.

### Disclaimer

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**NOTE:** For purposes of this Catalog, included within the definition of RoHS Compliant are products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.

**NOTE:** Information regarding RoHS compliance is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information provided by our suppliers. This information is subject to change. For latest compliance status, refer to our website referenced at right.

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- Cross-Reference from Non-compliant to Compliant Products
- Ability to browse RoHS Compliant Products in our on-line catalog
- Downloadable Technical Data Customer Information Presentation
- More detailed information regarding the definitions used above
- So whatever your questions when it comes to RoHS, we've got the answers at [www.tycoelectronics.com/leadfree](http://www.tycoelectronics.com/leadfree)



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Dimensions are in millimeters with inches (if shown) in brackets. Specifications subject to change.

For more information, contact your TE Connectivity sales engineer at the numbers listed below, or visit our Website at: <http://www.te.com>.

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S. America: 55-11-2103-6000  
Hong Kong: 852-2735-1628

Japan: 81-44-844-8013  
UK: 31-73-6246-431

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