Connectors for MEMORY STICK Media

DESCRIPTION
Tyco Electronics offers a variety of connectors for MEMORY STICK media cards. These include connectors for the MEMORY STICK PRO media, which are available with either top or reverse mounting. Top mounting connectors for MEMORY STICK PRO DUO media are also available and are 75% smaller to save space in more compact, portable electronic devices. All Tyco Electronics’ connectors for MEMORY STICK products are surface mountable and feature push/push card insertion and removal.

KEY FEATURES
- Two standardized configuration sizes are available for MEMORY STICK PRO and MEMORY STICK PRO DUO products
- High-speed data transfer rate
- Designed with coiled spring push/push insertion/ejection for secure contact retention
- RoHS Compliant

APPLICATIONS
- Digital cameras and camcorders
- Desktop and notebook PC’s
- Televisions and plasma displays
- Portable video gaming consoles
- Digital music players and voice recorders
- Cellular phones
- Photo printers
- PDA’s

MEMORY STICK, MEMORY STICK PRO and MEMORY STICK PRO DUO are trademarks of Sony Corporation.
## Connectors for MEMORY STICK Media

### PART SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Product Number</th>
<th>Insertion/Removal</th>
<th>Mounting</th>
<th>Packaging</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector for MEMORY STICK PRO Media</td>
<td>1827767-1</td>
<td>Push/Push</td>
<td>Top Mount</td>
<td>Tape and Reel</td>
<td>Two space saving solderable hold downs</td>
</tr>
<tr>
<td>Connector for MEMORY STICK PRO Media</td>
<td>1674319-1</td>
<td>Push/Push</td>
<td>Top Mount</td>
<td>Tape and Reel</td>
<td>Four solder tabs for enhanced hold down security</td>
</tr>
<tr>
<td>Connector for MEMORY STICK PRO Media</td>
<td>1674162-1</td>
<td>Push/Push</td>
<td>Bottom Mount</td>
<td>Tape and Reel</td>
<td>Bottom mounting for application versatility</td>
</tr>
<tr>
<td>Connector for MEMORY STICK PRO DUO Media</td>
<td>1827192-1</td>
<td>Push/Push</td>
<td>Top Mount</td>
<td>Tape and Reel</td>
<td>75% space savings to original connector for MEMORY STICK media</td>
</tr>
</tbody>
</table>

All Products are RoHS Compliant

### PRODUCT DIMENSIONS

**Connector for MEMORY STICK PRO Media: Top Mount with Two Solder Tabs**

P/N: 1827767-1

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Connectors for MEMORY STICK Media

PRODUCT DIMENSIONS

Connector for MEMORY STICK PRO Media: Top Mount with Four Solder Tabs

P/N: 1674319-1

Connector for MEMORY STICK PRO Media: Bottom Mount

P/N: 1674162-1

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Connectors for MEMORY STICK Media

PRODUCT DIMENSIONS

Connector for MEMORY STICK PRO DUO Media: Top Mount

P/N: 1827192-1

TYPICAL CONNECTOR PROPERTIES

<table>
<thead>
<tr>
<th>Product Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage Rating</td>
<td>125 V AC</td>
</tr>
<tr>
<td>Current Rating</td>
<td>0.5 A Max</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20°C to 85°C</td>
</tr>
<tr>
<td>Mating Force</td>
<td>15 N Max</td>
</tr>
<tr>
<td>Un-mating Force</td>
<td>1 N Min</td>
</tr>
</tbody>
</table>

TECHNICAL DOCUMENTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Specification</th>
<th>Test Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>1827767-1</td>
<td>108-5734</td>
<td>501-5405</td>
</tr>
<tr>
<td>1674319-1</td>
<td>108-5734</td>
<td>501-5405</td>
</tr>
<tr>
<td>1674162-1</td>
<td>108-5734</td>
<td>501-5405</td>
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<tr>
<td>1827192-1</td>
<td>108-78280</td>
<td>501-5656</td>
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</table>

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At Tyco Electronics, we’re ready to support your RoHS requirements. We’ve assessed more than 1.5 million end items/components for RoHS compliance, and issued new part numbers where any change was required to eliminate the restricted materials. **Compliant** – Part numbers in this catalog are RoHS Compliant, unless marked otherwise. These products comply with European Union Directive. Part numbers in this catalog are identified as:

**RoHS** 2002/95/EC as amended 1 January 2006 restricts the use of lead, mercury, cadmium, hexavalent chromium, PBB, and PBDE in certain electrical and electronic products sold into the EU as of 1 July 2006.

For purposes of this Datasheet, 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.

**Non-RoHS Compliant** – These part numbers are identified with a “◊” symbol. These products do not comply with the material restrictions of the European Union Directive 2002/95/EC.

“5 of 6 Compliant” – A “◊◊” symbol identifies these part numbers. These products do not fully comply with the European Union Directive 2002/95/EC because they contain lead in solderable interfaces (they do not contain any of the other five restricted substances above allowable limits). However, these products may be suitable for use in RoHS applications where there is an application-based exception for lead in solders, such as the server, storage, or networking infrastructure exemption.

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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

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