microSD/TF Card Connector
FCN-560 Series

microSD is currently the world's smallest memory card storage system, specifically designed for use with ultra-small mobile phones and other devices. Like the miniSD, the microSD/TransFlash is ideal for use in storing media-rich files such as music, videos, and photographs in compatible mobile phones.

Fujitsu’s microSD connector offers the lowest profile height (1.65mm) currently available in the market.

Featuring Fujitsu’s precise and insert molding technology, the FCN-560 series micro SD connector measures 15mm (D) x 14mm (W) x 1.6mm (H) and has a life cycle of ten thousand insertions/withdrawals.

Fujitsu’s connector uses a proprietary push-push structure that provides positive tactile feedback during card insertion and withdrawal.

A card drop protection mechanism prevents the card from falling out during pre-insertion and forced card extraction after it’s locked in. When ejected, the card travels 3.5mm from its locked position.

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature range</td>
<td>-20°C to +70°C</td>
</tr>
<tr>
<td>Current rating</td>
<td>AC 0.5A</td>
</tr>
<tr>
<td>Voltage rating</td>
<td>AC/DC 5V</td>
</tr>
<tr>
<td>Contact resistance</td>
<td>100mΩ maximum</td>
</tr>
<tr>
<td>Dielectric withstanding voltage</td>
<td>AC 500V for 1 minute</td>
</tr>
<tr>
<td>Insertion/Withdrawal life</td>
<td>10,000 cycles</td>
</tr>
<tr>
<td>Insulating material</td>
<td>LCP, UL94 V-0</td>
</tr>
<tr>
<td>Contact</td>
<td>Copper Alloy Plating NiPdAu</td>
</tr>
<tr>
<td>Pin / Spring</td>
<td>SWPA</td>
</tr>
<tr>
<td>Metal Cover</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Tape and reel</td>
<td>1, 500 pcs/reel</td>
</tr>
</tbody>
</table>

Tape and reel: 1, 500 pcs/reel
microSD/TF Card Connector

SPECIFICATIONS

Fujitsu Components International Headquarter Offices

Japan
Fujitsu Components Limited
Gotanda-Chuo Building
3-5, Higashigotanda 2-chome, Shinagawa-ku
Tokyo 141 8630, Japan
Tel: (81-3) 5449-7010
Fax: (81-3) 5449-2628
Email: promothq@fcl.fujitsu.com
Web: www.fcl.fujitsu.com

North and South America
Fujitsu Components America, Inc.
250 E. Caribbean Drive
Sunnyvale, CA  94089  U.S.A.
Tel: (1-408) 745-4900
Fax: (1-408) 745-4970
Email: components@us.fujitsu.com
Web: http://us.fujitsu.com/components/

Europe
Fujitsu Components Europe B.V.
Diamantlaan 25
2132 WV Hoofddorp
Netherlands
Tel: (31-23) 5560910
Fax: (31-23) 5560950
Email: info@fceu.fujitsu.com
Web: emea.fujitsu.com/components/

Asia Pacific
Fujitsu Components Asia Ltd.
102E Pasir Panjang Road
#01-01 Citilink Warehouse Complex
Singapore  118529
Tel: (65) 6375-8560
Fax: (65) 6273-3024
Email: fcai@fcai.fujitsu.com
Web: http://www.fujitsu.com/sg/services/micro/components/

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