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.

### FEATURES

- Reduction in seize and weight (15 (D) x 14 (W) x 1.65 (H)mm) with unique push-push structure
- Half-lock to prevent forced card extraction, good operability with sense of click for insertion
- Smooth card insertion/withdrawal with unique drop-protection mechanism
- With card detections switch
- Card ejection distance 3.5mm
- FCN-568Z008-G/0M

<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>
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<tr>
<td>Contact resistance</td>
<td>100mΩ maximum</td>
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<tr>
<td>Dielectric withstanding voltage</td>
<td>AC 500V for 1 minute</td>
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<tr>
<td>Insertion/Withdrawl life</td>
<td>10,000 cycles</td>
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<td>Insulating material</td>
<td>LCP, UL94 V-0</td>
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<tr>
<td>Contact</td>
<td>Copper Alloy Plating NiPdAu</td>
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<tr>
<td>Pin / Spring</td>
<td>SWPA</td>
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<tr>
<td>Metal Cover</td>
<td>Stainless steel</td>
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</tbody>
</table>

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

■ SPECIFICATIONS
**SPECIFICATIONS**

![Diagram of microSD/TF Card Connector]

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