REVERSE POLARITY MCX

SERIES MCX
REVERSE POLARITY RF COAXIAL CONNECTORS

Key performance
Characteristic impedance: 50Ω
Frequency range: 0~6 GHz
Contact resistance:
  Center conductor ≤ 4.0mΩ
  Outer conductor ≤ 2.0mΩ
Insulation resistance: > 1000MΩ
Insulator voltage withstanding: 750V
Connector durability: 500 cycles
Applicable spec/std: MIL-STD-202

Material
Center contacts:
  Male—brass, gold plated.
  Female—beryllium copper, gold plated
Bodies and other metal parts:
  brass, gold plated
Insulators: Teflon
Crimp ferrule: copper, nickel plated.
Gasket and seal rings: silicone rubber
Heat-shrink tubing: thermoplastic

Interface Dimensions

Reference Plane
<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
<th>Suitable Cable</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCX-R22</td>
<td>8200-6601</td>
<td>92</td>
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<tr>
<td>MCX-F22</td>
<td>8210-6501</td>
<td>2</td>
<td>L 21.8 φ 0.9</td>
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<tr>
<td>MCX-F23</td>
<td>8210-6502</td>
<td>3</td>
<td>D 23.3 φ 1.6</td>
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<tr>
<td>MCX-F32</td>
<td>8220-6501</td>
<td>1</td>
<td>L 19.5 φ 0.9</td>
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<tr>
<td>MCX-F33</td>
<td>8220-6502</td>
<td>1</td>
<td>D 20.5 φ 1.6</td>
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<td>MCX-F42</td>
<td>8440-6501</td>
<td>1</td>
<td>D 3</td>
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</table>
### REVERSE POLARITY MCX

<table>
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<tr>
<th>Type</th>
<th>part number</th>
<th>Note</th>
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<tbody>
<tr>
<td>MCX-F2Y</td>
<td>8010-2961</td>
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<tr>
<td>MCX-F4HD</td>
<td>8010-5901</td>
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<td>MCX-JAM4D</td>
<td>8020-5901</td>
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<tr>
<td>MCX-PK4D</td>
<td>8020-5901</td>
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</tbody>
</table>

**Mounting hole**

- Diameter: 0.62 mm
- Hole depth: 4.6 mm

**Dimensions**

- Width: 8.3 mm
- Height: 2.4 mm
- Width: 95 mm
- Height: 65 mm
- Width: 9.7 mm
- Height: 3.9 mm