MMCX SERIES

SERIES MMCX
RF COAXIAL CONNECTORS

MMCX connectors are intended for use when the smallest possible physical size is required. The non-slotted design ensures low R.F. leakage while the snap-on coupling mechanism ensures that the electrical parameters are reproduced at every mating.

**Key performance**
- Characteristic impedance: 50 Ω
- Frequency range: 0–6 GHz
- Contact resistance:
  - Center conductor: ≤ 10.0 mΩ
  - Out conductor: ≤ 5.0 mΩ
- Insulation resistance: ≥ 600MΩ
- Insulator voltage withstanding: 500V
- VSWR: ≤ 1.25
- Connector durability: 500 cycles

**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.

Application spec/std.: GJB681A/MIL-C-39012/CECC22340

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**Interface Dimensions**

**Reference Plane**
## MMCX SERIES

### Type | part number | suitable cable | Note
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MMCX-JB2 | 1513-6500 | | B2

### Type | part number | suitable cable | Note
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MMCX-JW02 | 1520-6600 | | B2

### Type | part number | suitable cable | L | d | D | Note
--- | --- | --- | --- | --- | --- | ---
MMCX-JG2 | 1510-4500 | 2 | 118 | 0.5 | 0.9 | |
MMCX-JG3 | 1510-4500 | 3 | 183 | 0.6 | 1.6 | |

### Type | part number | suitable cable | L | D | Note
--- | --- | --- | --- | --- | ---
MMCX-JW2 | 1510-4500 | 2 | 10.5 | 0.9 | |
MMCX-JW3 | 1510-4500 | 3 | 11.5 | 1.5 | |

### Type | part number | suitable cable | Note
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MMCX-K3 | 1520-6500 | 3 |