SSMB SERIES

SERIES SSMB
RF COAXIAL CONNECTORS

Key performance
Characteristic impedance: 50 Ω
Frequency range: 0-3GHz
Contact resistance:
  Center conductor: ≤ 5.0 mΩ
  Cut conductor: ≤ 2.50 mΩ
Insulation resistance: ≥ 1000 MΩ
Insulator voltage withstanding: 500V
VSWR:
  Straight connector: ≤ 1.22 (0-1GHz) ≤ 1.35 (0-3GHz)
  Right angle connector: ≤ 1.50 (0-1GHz) ≤ 1.63 (0-3GHz)
Connector durability: 500 cycles
Applicable spec/ std: MIL-C-39012

Material
Center contacts:
  Male—brass, gold plated.
  Female—beryllium copper, gold plated
Body 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
### SSMB SERIES

#### Type | Part Number | Suitable Cable | Note
--- | --- | --- | ---
SSMB-K2 | 1029-6500 | 2 | 

#### Type | Part Number | L | L1 | L2 | Note
--- | --- | --- | --- | --- | ---
SSMB-KW2 | 1044-8501 | 12.5 | 14 | 9.55 | ±0.9 |
SSMB-KW2-1 | 1044-8502 | 11.4 | 13 | 9.3 | ±0.9 |
SSMB-KW3 | 1044-8503 | 12.3 | 12.9 | 9.55 | ±1.6 |
SSMB-KW3-1 | 1044-8507 | 11.4 | 13 | 9.3 | ±1.6 |

#### Type | Part Number | L | Note
--- | --- | --- | ---
SSMB-JC1 | 1011-5800 | 10.8 |
SSMB-JC2 | 1011-5803 | 13.1 |

#### Type | Part Number | Note
--- | --- | ---
SSMB-JH2 | 1011-5802 | 

#### Type | Part Number | Note
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SSMB-JMH2 | 1039-5600 | 

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**Figure 1:** Diagram of SSMB K2 type connector with dimensions 20 x 9.9 mm.

**Figure 2:** Diagram of SSMB KW2 type connector with dimensions L x L1 x L2.

**Figure 3:** Diagram of SSMB JC1 type connector with mounting hole dimensions 3.6 x 5.0 mm.

**Figure 4:** Diagram of SSMB JH2 type connector with dimensions 10.8 x 4.1 mm.

**Figure 5:** Diagram of SSMB JMHD type connector with dimensions 10.1 x 7.8 mm.
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<th>Part Number</th>
<th>Note</th>
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