SERIES SMB-75
RF COAXIAL CONNECTORS

Key performance
Characteristic impedance: 75 Ω
Frequency range: 0–2 GHz
Contact resistance:
Center conductor: ≤ 6.0mΩ
Outer conductor: ≤ 1.0mΩ
Insulation resistance: ≥ 1000MΩ
Insulator voltage withstanding: 750V
VSWR: ≤ 1.30
Connector durability: 500 cycles
Applicable spec std: MIL-C-39012

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: thermorit plastic

Interface Dimensions

Reference Plane
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<tr>
<th>Type</th>
<th>part number</th>
<th>Note</th>
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<tr>
<td>SMB-75HD</td>
<td>5010-5800</td>
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<tr>
<td>SMB-75JAH0</td>
<td>5030-5800</td>
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<td>SMB-75JAH01</td>
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