DS SERIES

SERIES DS
RF COAXIAL CONNECTORS

DS series is used as a contact in the D-Sub series of multi-pin connectors when it is necessary to run DC and RF signals through the same junction.

**Key performance**
- Characteristic impedance: 50 Ω
- Frequency range: 0~1GHz
- Contact resistance:
  - Center conductor ≤ 6.0m Ω
  - Out conductor ≤ 2.0m Ω
- Insulation resistance: ≥500M Ω
- Insulator voltage withstanding: 500V
- VSWR ≤ 1.30
- Connector durability: 500 cycles
- Applicable spec/ std: MIL-C-24308

**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: thermofit plastic

**Interface Dimensions**

**Reference Plane**
### DS SERIES

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<thead>
<tr>
<th>Type</th>
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<td>DS-JY</td>
<td>1310-8000</td>
<td>high-voltage plug</td>
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