Series J.STWX8 push-pull self-latching style RF coaxial connector is developed for use in military radar. It is convenient in insertion and withdrawal, reliable in connection and vibration resistance.

**Key performance**
- Characteristic impedance: 50 Ω
- Frequency range: 0~4GHz
- Contact resistance:
  - Center conductor: ≤1.5m Ω
  - Outer conductor: ≤1.0m Ω
- Insulation resistance: ≥5000M Ω
- Insulator voltage withstanding: 1500V
- VSWR: ≤1.30
- Connector durability: 500 cycles

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

**Applicable spec/stand:** J.FD/Q2003-01

**Interface Dimensions**

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**Reference Plane**

1.89~2.11

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0.18min
0.18~0.194
**J.STWX8 SERIES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>J.STWX8-JFD</td>
<td>2711-1901</td>
<td>Body nickel plated</td>
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<table>
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<tr>
<th>Type</th>
<th>Part Number</th>
<th>Suitable Cable</th>
<th>Note</th>
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<tbody>
<tr>
<td>J.STWX8-K301</td>
<td>2721-6701</td>
<td>SW12 SW12 SW12</td>
<td>Body nickel plated, front covering, stainless steel</td>
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