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

Key performance
Characteristic impedance : 50 Ω
Frequency range : 0-40 GHz
Contact resistance :
  Center conductor $\leq 1.5 \text{m } \Omega$
  Outer conductor $\leq 1.0 \text{m } \Omega$
Insulation resistance : $\geq 5000 \text{M } \Omega$
Insulator voltage withstanding : 1500 V
VSWR : $\leq 1.30$
Connector durability : 500 cycles
Applicable spec/ std : J.FD/Q2003-01

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.

Interface Dimensions

Reference Plane
<table>
<thead>
<tr>
<th>Type</th>
<th>part number</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSTWX8-LFD</td>
<td>2711-1901</td>
<td>body nickel plated</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>part number suitable cable</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>JSTWX8-H3D1</td>
<td>2721-9111</td>
<td>body nickel plated front covering, stainless steel</td>
</tr>
</tbody>
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