Series SMZ push-pull self-latching style RF coaxial connector is changed based on series SMB.

**Key performance**
- Characteristic Impedance: 50 Ω
- Frequency range: 0–40 GHz
- Contact resistance:
  - Center conductor: ≤ 6.0 m Ω
  - Out conductor: ≤ 2.0 m Ω
- Insulation resistance: ≥ 1000 MΩ
- Insulator voltage withstanding: 1000V
- VSWR: ≤ 1.30
- Connector durability: 500 cycles
- Applicable spec/std: GJB681A (MIL-C-39012)

**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>
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</thead>
<tbody>
<tr>
<td>SMZ-FD</td>
<td>2110-0000</td>
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<tr>
<td>SMZ-3</td>
<td>2110-4500</td>
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<tr>
<td>SMZ-H3</td>
<td>2120-4601</td>
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<td>SMZ-KS</td>
<td>2120-4502</td>
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