Features
- Quarter turn bayonet locking feature on standard SMP/SMPM interface
- Female cable connector options available for all flexible cable types .085” diameter and smaller
- All standard SMP/SMPM male connector options available upon request
- Low VSWR through 40 GHz (SMP) / 65 GHz (SMPM)

Applications
- Bench-top testing
- High vibration environments
- Applications requiring a high number of mating cycles
- Military and Commercial options available

Benefits
- Zero disengagement eliminates damage to PCB solder joints
- Low insertion/extraction forces, compared to standard full detent SMP and SMPM, mean less torque on board mount connector solder joints during mating and demating
- Spring loaded positive mating feature allows excellent electrical performance even in extreme vibration environments
- Low mating forces allow for more mating cycles without failure compared to full detent SMP and SMPM
**Specifications**

<table>
<thead>
<tr>
<th></th>
<th>SMP</th>
<th>SMPM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50Ω</td>
<td>50Ω</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>40 GHz</td>
<td>65 GHz</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.15:1 to 26.5 GHz typ.</td>
<td>1.10:1 to 26.5 GHz typ.</td>
</tr>
</tbody>
</table>

|                  |              |              |
| **Mechanical**   |              |              |
| Mating Cycles (min) | 1000 Min | 500 Min |
| Temperature Rating | -65 to +165°C | -65 to +165°C |

**SMP Style Connectors**

- **P/N: 1221-40049**
  SMP Female QB Cable Connector for .085 Cable

- **P/N: 1221-40051**
  SMP Female QB Connector for .047 Cable

- **P/N: 1211-66195**
  SMP Male QB Edge Launch Connector

- **P/N: 1211-40032**
  SMP Male QB Surface Mount Connector

**SMPM Style Connectors**

- **P/N: 3221-60004**
  SMPM Female QB Connector for .085 Cable

- **P/N: 3221-60003**
  SMPM Female QB Connector for .047 Cable

- **P/N: 3211-60118**
  SMPM Male QB Edge Launch Connector, SB

- **P/N: 3211-60112**
  SMPM Male QB Surface Mount Connector, R/A

*Additional Part Numbers available on our website and by request*