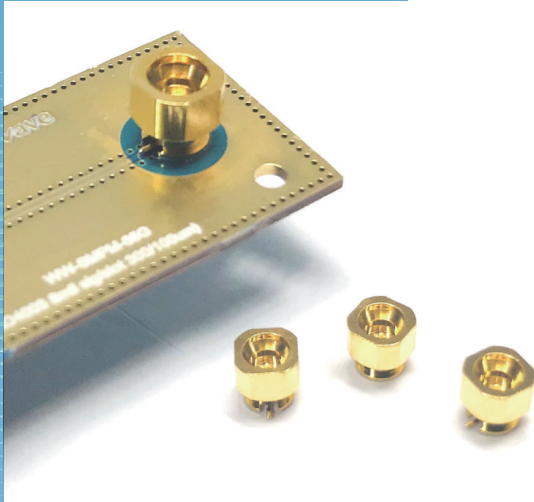


SMPM Connector *High Density Board Connector*

The Withwave's SMPM connector are covering wide frequency ranges from RF to Microwave with excellent frequency performance and high density. The proprietary internal insulator enables simple structure with higher performance compared to the conventional SMPM connectors. The best applications could be 5G complex mobile communication modules and systems and various other wireless systems.



Features

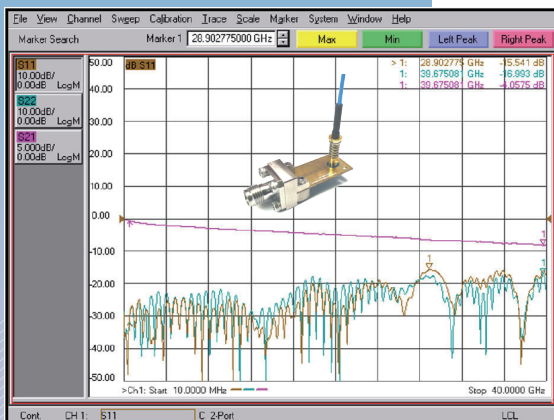
- Frequency range : DC to 65GHz
- High density SMT packaging available
- Push-on mating for quick installation

Applications

- 4G, 5G Telecommunications
- Satellite Communications
- RFIC Chip set evaluation board
- High data rate ASIC and SoC EV module test

Specification

Specification	
Frequency	DC to 65 GHz
Impedance	50 Ohm
VSWR	1.2 to 26.5 GHz 1.4 to 40 GHz 1.9 to 65 GHz
Mating Cycles	Full Detent : 100 (min.) Smooth Bore: 500 (min.)
Typical Engage (Disengage) Force	Full Detent : 8lbs max. (3lbs min.) Smooth Bore : 4lbs max. (1lbs min.)
Operating temperature	-65~ +165°C



Test Condition

- End launch 2.92 mm Connector
- Substrate : Du5880 5 mil
- SMPM Cable Assembly (length : 6 inch)

withwave

Versatile RF & MW Solutions

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