SMPW

INTRODUCTION

SUBMINIATURE RF CONNECTOR



Radiall has expanded its broad SMP range with SMPW.

A leader in micromachining, Radiall designed a new subminiature coaxial connector, SMPW, that provides higher performance up to 100 GHz.

Leveraging extensive knowledge in micromachining, high-performance design and measurement capabilities, Radiall is proud to introduce SMPW, a G3PO-compatible product.

In order to achieve higher reliability and stable performances with SMPW, Radiall perfected the design, manufacturability and measurement by utilizing controlled atmospheric rooms, dedicated to controlled micromachining and plating processes.

Radiall's SMPW is available in multiple configurations, including but not limited to cable connectors, edge mount, surface mount, bullet/adapters, multi-port and customized models.



FEATURES & BENEFITS

- Micro miniature: Ø1.59
- Frequency DC~100 GHz
- Low VSWR: 1.02 up to 67 GHz
- Axial misalignment: 0.3 mm
- Radial misalignment: 2.2°

APPLICATIONS

- Electronic warfare
- Radar
- Dense wavelength division multiplexing (DWDM) module
- Array combiners
- Modulator links
- Microwave kinetic inductance detector (MKID)