

WithWave's SMP thread-in mount type Connectors cover wide frequency ranges from RF to Microwave with excellent frequency performance and high density. This connector operates up to 18 GHz and offers excellent performance. The best applications could be 5G complex mobile communications modules, systems and various other wireless systems.

■ Features

- Frequency range : DC to 18 GHz
- High density PCB Thru-hole Connector
- Push-on mating for quick installation



■ Application

- Telecommunication
- High Speed Applications
- Broadband

■ Specification

Scope	Items	Specification
Electrical	Freq. Range (Max)	18 GHz
	Impedance	50 Ohm
	Connector Type	SMP(Male)
Material	Body	Stainless Steel (Passivated)
	Contact	Brass (Gold Plated)
	Insulator	Special dielectric
Mechanical & Environmental	Temperature	-40 ~+125 °C

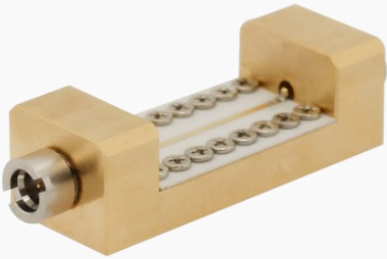
**RoHS Compliant*

■ Ordering Information

Interface	Part No.
Smooth Bore	PM05MS001
Full Detent	PM05MS002
Limited Detent	PM05MS003

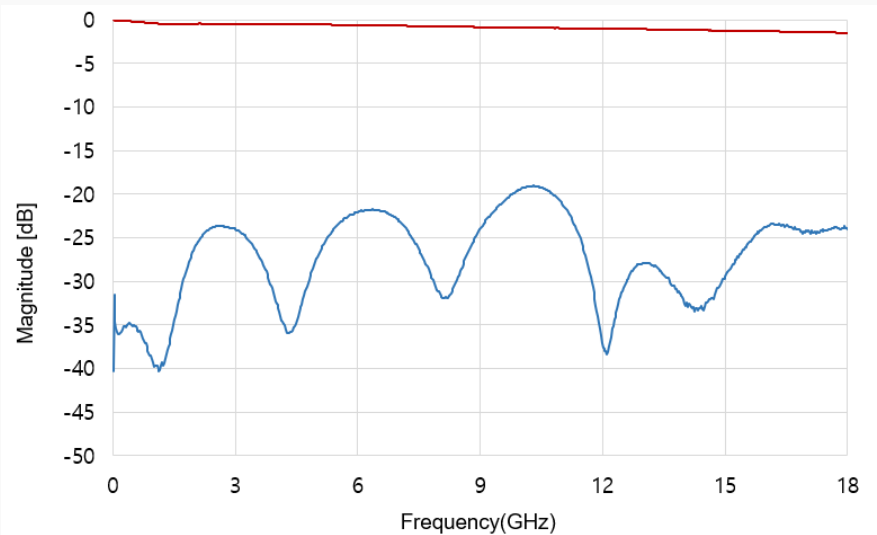
Test Condition

- Frequency : 10 MHz to 18 GHz
- DUT : SMP(M) Thread-in (PM05MS003) x 2
- Test PCB : Rogers 4003 8mil
- Test Adapter : SMP(F) to 2.92mm(F) Adapter x 2



Test Results

Freq: 10 MHz to 18 GHz



Drawing

