

Withwave's General Board Edge SMA is connectors are specially designed up to X-band (12.4 GHz) freq. to minimize electromagnetic transition effects from coaxial to Microstrip structure on FR4 substrate. We solve your performance and cost problems.



■ Features

- DC to 12.4 GHz
- Board Clearance : 0.8, 1.0, 1.1, 1.2, 1.6, 1.7, 2.1 mm
- Easy Installation on designed substrate (FR4)

■ Application

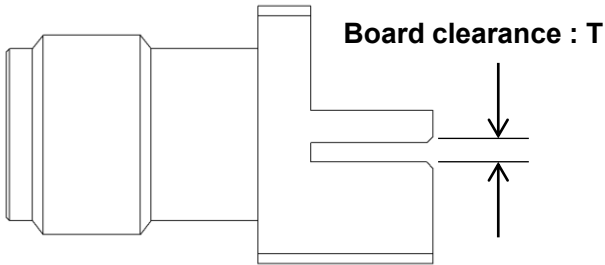
- RFIC Chip set Evaluation Board
- Evaluation module test
- Substrate Characterization

■ Specification

Scope	Items	Specification
Electrical	Freq. range	DC to 12.4 GHz
	Impedance	50 Ohm
	VSWR(Max)	1.3:1 (12.4 GHz)
Material	Connector type	SMA (Female)
	Body	Brass (gold pated)
	Contact	BeCu (gold plated)

* RoHS Compliant

Ordering Information



Board Clearance (T : mm)	Part No.
0.8	SM06FS019
1.0	SM06FS020
1.2	SM06FS022
1.6	SM06FS023
1.7	SM06FS024
2.1	SM06FS025

Measurement data

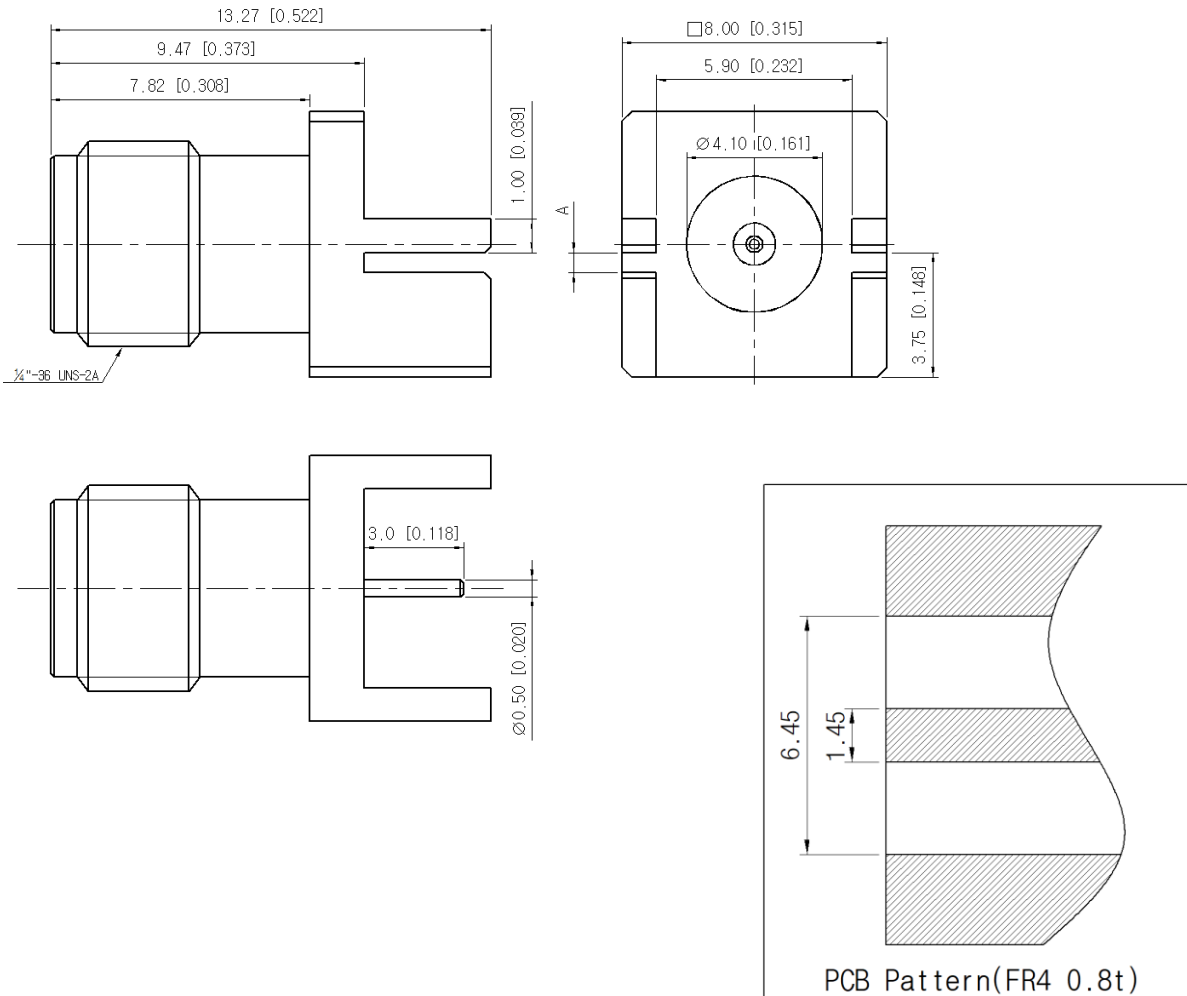
- Frequency : 10 MHz to 12.4 GHz
- Connector : General Board Edge SMA (SM06FS024)
- Substrate : FR4 (thickness : 0.8 mm)
- Trace length : 30 mm (microstrip)



■ Drawing

Board Clearance (A : mm)	Part No.
0.8	SM06FS019
1.0	SM06FS020
1.2	SM06FS021
1.6	SM06FS022
1.7	SM06FS023
2.1	SM06FS024

Unit : mm



General Board Edge SMA

DC to 12.4 GHz

withwave
Versatile RF & MW Test Solutions

■ Revision History

Revision	Date	Changes
Ver 1.0	2018-11-01	Release General Board SMA