

# Non-Magnetic Connectors

## Board Edge Type

**withwave**  
Next Generation Connectivity

**WithWave's Non-Magnetic Connectors** are widely used in applications that experience strong magnetic field cab cause interference or introduce errors such as quantum computing, magnetic resonance imaging(MRI) equipment, the aerospace industry.

They features a DC to 40 GHz frequency range and are available in various interface sizes.

### Features

- Board Edge 2.92 mm(**Board Clearance: 1.0 mm**)
- Non-magnetic Material(BeCu) and plating
- DC to 40 GHz

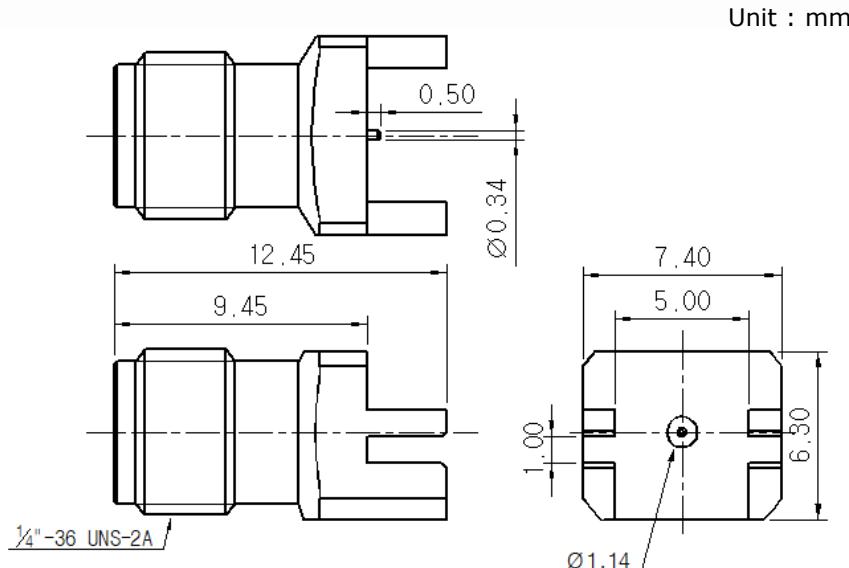


### Specification

Scope	Specification	SM03FS009C1
Electrical	Impedance	50 Ohm
	Freq. range	DC to 40 GHz
	VSWR (Max.)	1.4 : 1 (DC to 40 GHz)
	Connector	2.92 mm (Female)
Mechanical & Environmental	Body & Contact pin	BeCu with Gold plated
	Operation Temperature	-40 °C to +125 °C

\* RoHS Compliant

### Drawing



Unit : mm