

High Performance End Launch Connector

PSF-S05-000 (Edge Mount SMA)

www.gigalane.com



GigaLane Edge Mount SMA Connector is designed for applications such as Multi-layer Board with coplanar waveguide and single layer board with microstrip. It has excellent electrical transition up to 18 GHz.

► Specification

Electrical

Frequency	2.4mm	DC ~ 50 GHz
	2.92mm	DC ~ 40 GHz
	SMA	DC ~ 27 GHz
Impedance	50 Ω	
VSWR	Low VSWR	
Insulation Resistance	Low Insertion Loss	

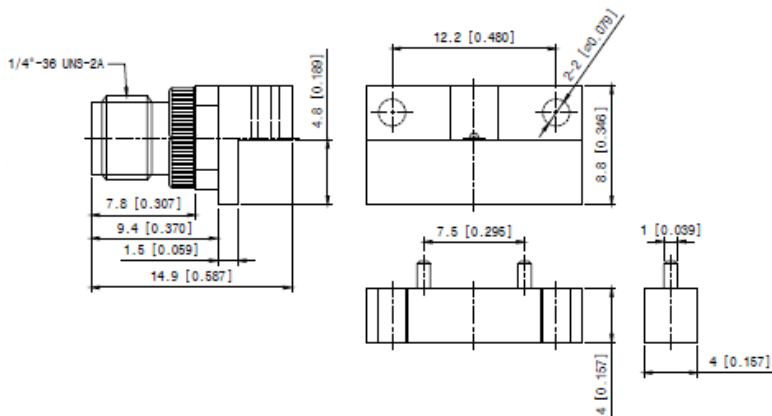
Materials

Connector	Body	Stainless Steel (Passivated)
	Center Contract	Beryllium Copper (Gold Plated)
	Insulator	Engineering Plastic
Launch Block	Launched Block	Brass (Ni Plated)
	Pin	Beryllium Copper (Gold Plated)
	Insulator	PTFE

Environmental

Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion (salt Spray)	MIL-STD-202, Method 101, Condition B, 5% salt
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D
Moisture Resistance	MIL-STD-202, Method 106

► Drawing & Test Result



SMA Connector (P/N : PSF-S01-000)

