

High Performance End Launch Connector

PSF-S01 Series (End Launch SMA)

www.gigalane.com



GigaLane End Launch SMA Connector is designed for applications such as High Performance RF Circuit Boards. It is attached to RF circuit board by inserting the board edge between legs and soldering legs. It has excellent return Loss up to 26.5 GHz.

► Specification

Electrical

Frequency	2.4mm 2.92mm SMA	DC ~ 50 GHz DC ~ 40 GHz 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

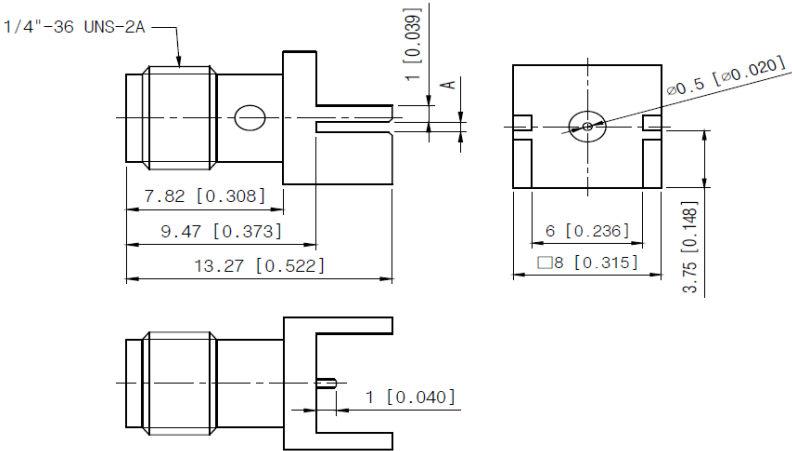
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion (salt Spray)	MIL-STD-202, Method 101, Condition B, 5% salt
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D
Moisture Resistance	MIL-STD-202, Method 106

High Performance End Launch Connector

PSF-S01 Series (End Launch SMA)

www.gigalane.com

Drawing



Unit : mm [inch]

Part Number	PIN Dia.
PFS-S01-000	0.60 [0.024]
PFS-S01-001	0.80 [0.031]
PFS-S01-002	1.00 [0.039]
PFS-S01-003	1.10 [0.043]
PFS-S01-004	1.20 [0.047]
PFS-S01-005	1.30 [0.051]
PFS-S01-006	1.50 [0.059]
PFS-S01-007	1.60 [0.063]
PFS-S01-008	1.73 [0.068]
PFS-S01-009	2.10 [0.083]
PFS-S01-010	2.25 [0.089]
PFS-S01-011	3.60 [0.142]

Test Result

SMA Connector (P/N : PSF-S01-000~011)

