P1CA-SAFPT-047SR-9

SMA Female to Pigtail (no connector) cable assembly using .047 Semi-Rigid Coax, 9 inch



Product Features

P1CA-SAFPT-047SR-9 is an RF Test Probe that is part of P1dB's semi-rigid, conformable, jacketed conformable and flexible Pigtail assembly series. It is a 9 inch SMA Female to a Pigtail Semi-Rigid cable assembly that utilizes 047SR conformable coax with a diameter of 0.047 inches. The Pigtail cable assembly operates to 6 GHz and is a popular solution for in-circuit RF probe testing.

Electrical Specification: $T_{Ambient}$ = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		6.0	
Insertion Loss	DC to 1.0	dB/ft.			0.34	
	1.0 to 3.0				0.58	
	3.0 to 5.0				0.79	
Velocity Of Propagation		%		70.0		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	SMA Female	
Connector 1 Coupling Nut	None	
Connector 1 Body	Gold Plated Brass	
Connector 1 Contact	Gold Plated Beryllium Copper	
Connector 2	Pigtail - No Connector	
Coax Cable	Semi-Rigid	
Cable Type	047SR	
Cable Inner Conductor	SPCW	
Dielectric	PTFE	
Shield	1. Tinned Copper	
Jacket	None	
Coax Diameter	0.047	
Minimum Bend Radius	0.05	
Length	9.0	
Operating Temprature	-55.0 to 150.0 °C	
RoHS Compliance	Yes	

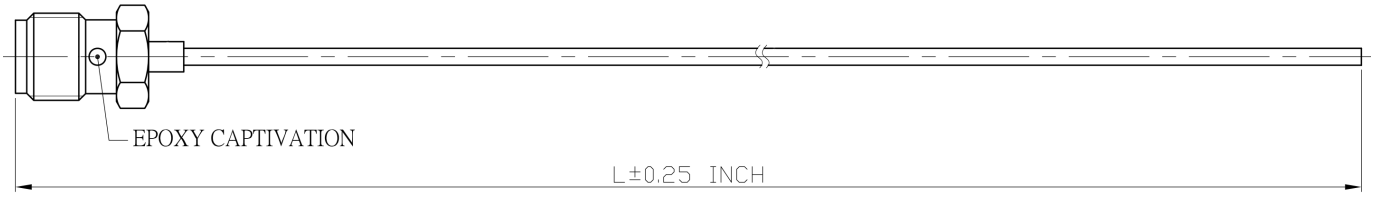
Drawing

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