



Differential Probe Series

True 100Ω Differential Design

40 GHz FPP Probes

0.6mm, 0.8mm, 1.0mm Pin Pitches Available

Features

- 100Ω true odd mode differential
- No ground pins
- Multiple probe pin pitches (0.6mm, 0.8mm, 1.0mm)
- Straight 1-hole mounting
- Multiple pin lengths available

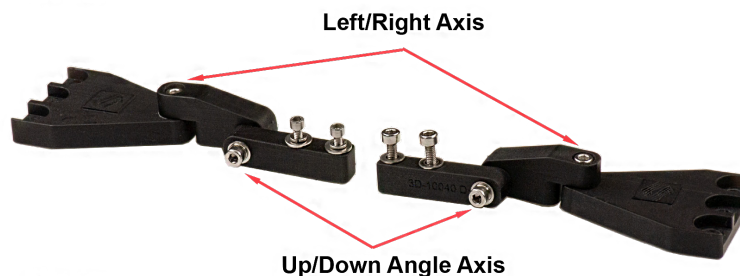
HASCO|RF is an Authorized Distribution Partner for Signal Microwave GigaProbes® Differential Probe Solutions.

These probes are designed to support the industry's demand for higher data rates over differential traces. They are used to characterize transmission lines and devices. A newly patented differential probe design was developed to replace internal cable wires with a printed circuit board. It has a high bandwidth differential transmission line that can be used with test equipment to measure differential S-parameters. There are also de-embedding methods and boards available that support the probes.

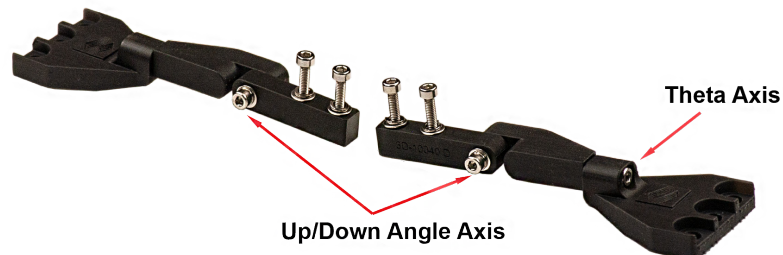


Mount Options

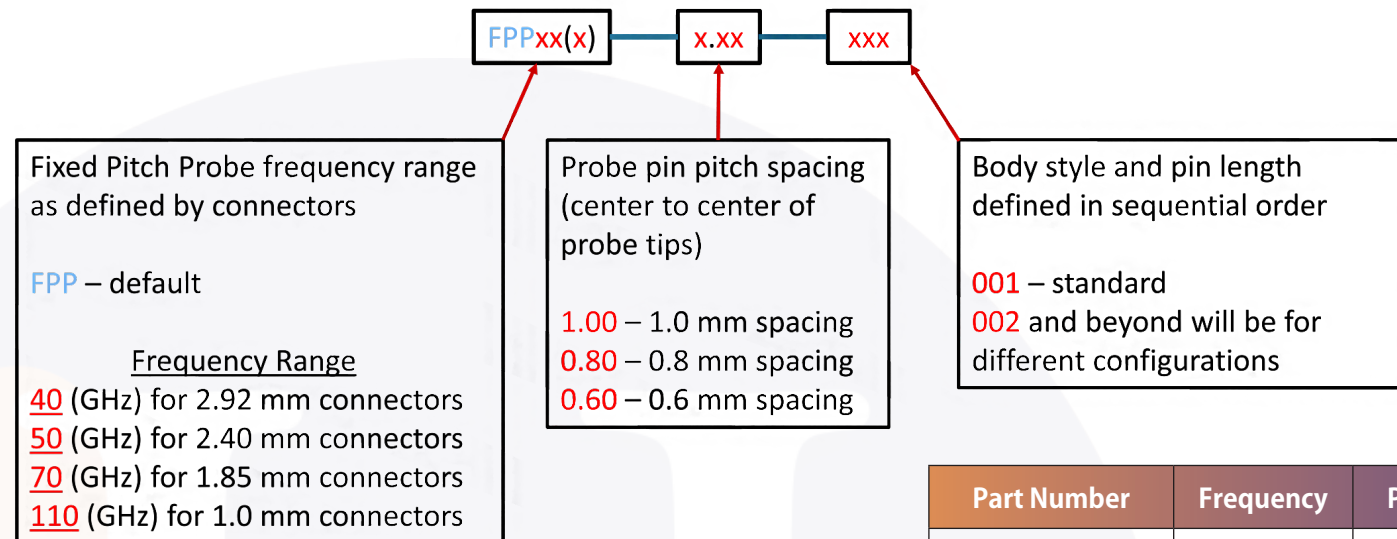
PM-001



PM-002



Part Number Builder



Part Number	Frequency	Pin Pitch	Pin Material
FPP40-1.0-001	40 GHz	1.00mm	Stainless Steel
FPP40-1.0-002	40 GHz	1.00mm	BeCu
FPP40-0.80-001	40 GHz	0.80mm	Stainless Steel
FPP40-0.80-002	40 GHz	0.80mm	BeCu
FPP40-0.60-001	40 GHz	0.60mm	Stainless Steel
FPP40-0.60-002	40 GHz	0.60mm	BeCu

LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	 HASCO RF 5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com					
-	RELEASE	7/26	TC		APPROVED BY: TC						
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.		MATERIALS:		CAGE CODE:	SCALE:	SIZE:	
						SEE DATA SHEET		0T8L4	N/A	A	
						FINISHES:		PART NO./DRAWING NO.		REV:	
						SEE DATA SHEET		FPP40		-	
THIS DRAWING IS A CONTROLLED DOCUMENT											