

FSP-40

DC~40GHz

Features:
 * Durable
 * Low Insertion Loss
 * Low VSWR

Applications:
 * Microwave Test

Specifications

Frequency (GHz)	Pitch (μm)	Tip Size (μm)	IL (dB Max.)	VSWR (Max.)	Configuration	Mounting Styles	Connector	Outline Drawings	Probe Tip Material
DC~40	125	30	0.7	1.45	GS, SG	45°	2.92mm female	Outline A	Gold plated BeCu
	150	30	0.6	1.3	GSG	45°	2.92mm female	Outline B	Gold plated BeCu
	250	30	0.6	1.45	GSG	45°	2.92mm female	Outline B	Gold plated BeCu
	300	30	0.7	1.3	GSG	45°	2.92mm female	Outline B	Gold plated BeCu
	125	30	1	1.6	GS	45°	2.92mm female	Outline C	Gold plated BeCu
	100	30	0.7	1.3	GSG	45°	2.92mm female	Outline D	Gold plated BeCu
	150	30	0.7	1.45	GS, SG	45°	2.92mm female	Outline D	Gold plating Nickel Alloy
	400	30	0.7	1.3	GSG	45°	2.92mm female	Outline D	Gold plated BeCu

Electrical

Frequency: DC~40GHz
 Recommend Overtravel: 50~75μm
 Impedance: 50Ω

Mechanical

Material: Aluminum Alloy

Environmental

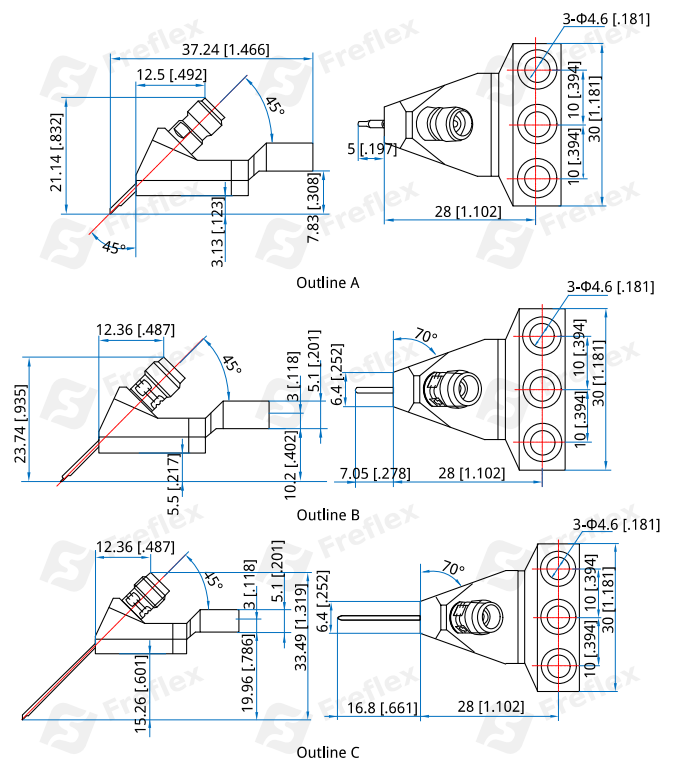
Operating Temperature: -45~+85°C

How To Orde

FSP-40-V-W-X-Y-Z-U-T

V: Configuration Type.
 W: Pitch in μm
 X: Tip Size in μm
 Y: Mounting Styles. (45 - 45°)
 Z: Material. (A - Aluminum alloy)
 U: Probe Tip Material. (C - Gold plated BeCu, K - Gold plating Nickel Alloy)
 T: If there are duplicate models with different appearances.
 Outline C: 1

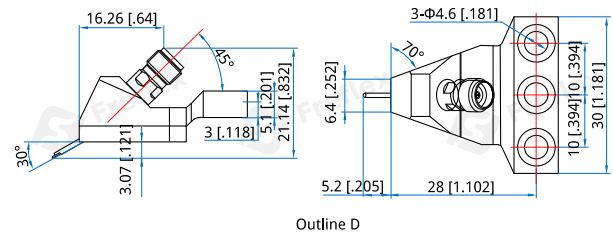
Outline Drawings



Single Port Probes

Examples:

To order a single port probe, DC~40Hz, GSG, Pitch 150 μ m, 30 μ m, 45°, Aluminum alloy, Gold plated BeCu, specify FSP-40-GSG-150-30-45-A-C.



Unit: mm [inch]

Tolerance: $\pm 0.25\text{mm}$ [$\pm 0.01\text{in}$]