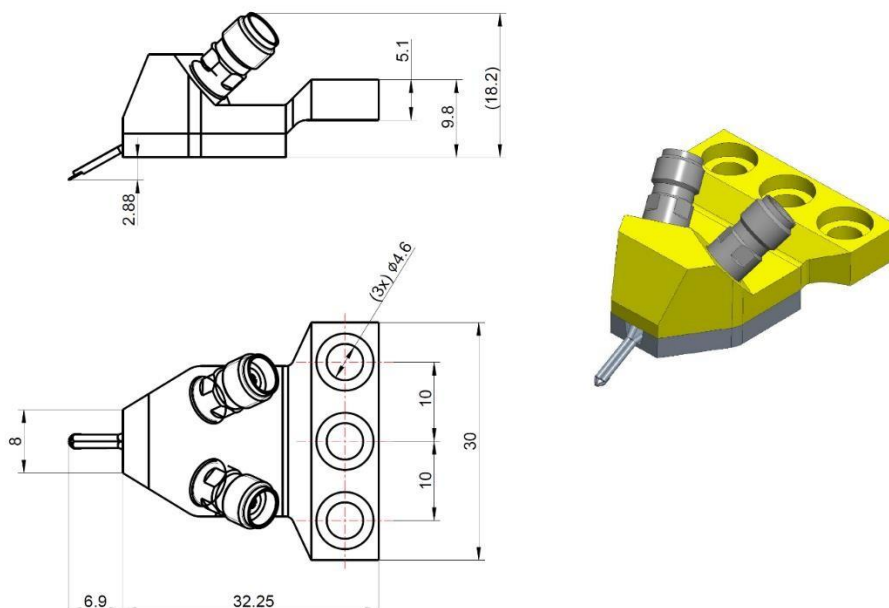


High frequency probe GSGSG configuration



- all the dimensions are in mm. Tolerance: $\pm 0.25\text{mm}$

Configuration

Connector	1.85 female
Probe Material:	
-Probe tip	BeCu, Gold plating
-Body	Aluminum Alloy
-Insulator	mmWave material
Recommend Overtravel	50um~75um

Electrical Characteristics

Impedance	50 Ω
Frequency Range	DC to 67 GHz
Return Loss	>12 dB @ DC to 67 GHz, based on 125um pitch
Insertion Loss	<1.2 dB @ DC to 67 GHz
Contact resistance	< 50 m Ω , Au pads; < 75 m Ω , Al pads;

Environment Data

Working Temperature	-45°C to +85°C
RoHS	Compliant

Order Information

P/N	Description
1.85-A-GSGSG-100	45 Angle GSGSG Probe, GSGSG pitch:100um, DC to 67GHz
1.85-A-GSGSG-125	45 Angle GSGSG Probe, GSGSG pitch:125um, DC to 67GHz
1.85-A-GSGSG-150	45 Angle GSGSG Probe, GSGSG pitch:150um, DC to 67GHz
1.85-A-GSGSG-XXX	45 Angle GSGSG Probe, GSGSG pitch: XXXum, DC to 67GHz