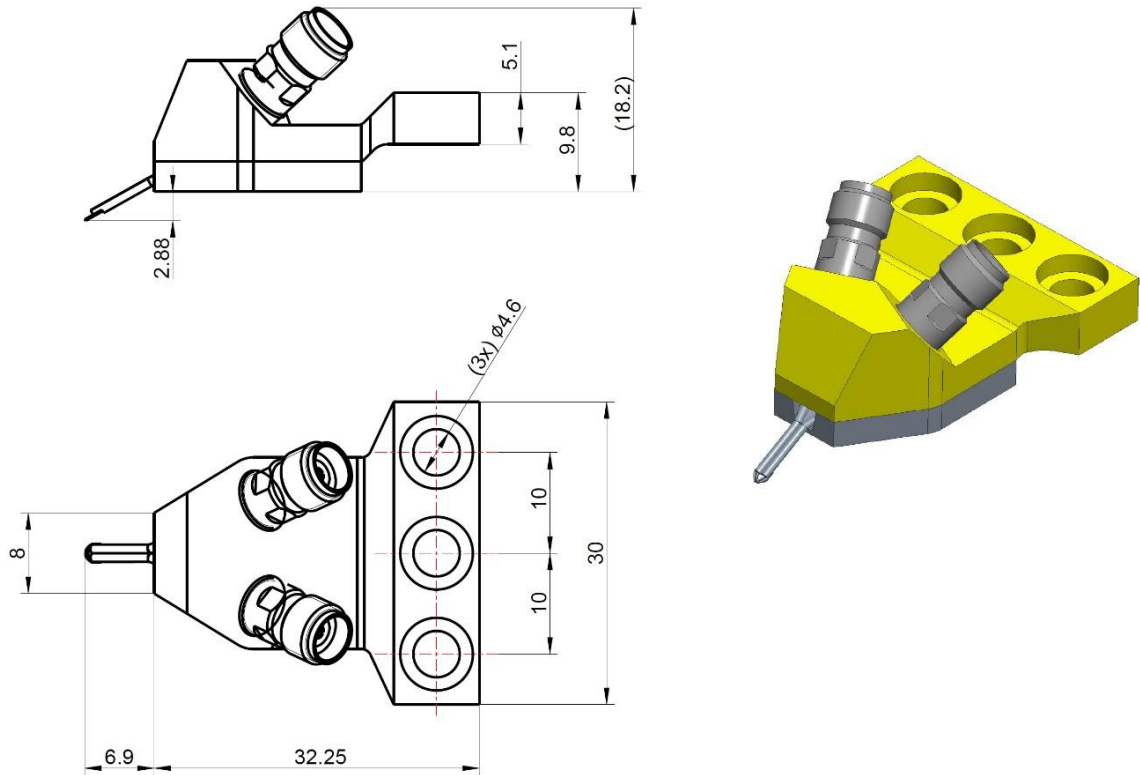


High frequency probe GSSG configuration

1.85-A-GSSG-XXX



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

Configuration

Connector	1.85 female
Probe Material:	
-Probe tip	Nickel alloy, Gold plating
-Body	Aluminum Alloy
-Insulator	mmWave material
Recommend Overtravel	50um~75um
Tip width	30um

Electrical Characteristics

Impedance	50 Ω
Frequency Range	DC to 67 GHz
Return Loss	>14 dB @ DC to 67 GHz, based on pitch:125um
Insertion Loss	<1 dB @ DC to 67 GHz, based on pitch:125um
Contact resistance	< 50 m Ω , Au pads;

Environment Data

Working Temperature	-45 $^{\circ}\text{C}$ to +85 $^{\circ}\text{C}$
RoHS	Compliant

High frequency probe GSSG configuration



Order Information

P/N	Description
1.85-A-GSSG-175	45 Angle GSSG Probe, GSSG pitch:175 um, DC to 67 GHz
1.85-A-GSSG-450	45 Angle GSSG Probe, GSSG pitch:450 um, DC to 67 GHz
1.85-A-GSSG-XXX	45 Angle GSSG Probe, GSSG pitch: XXX um, DC to 67 GHz
