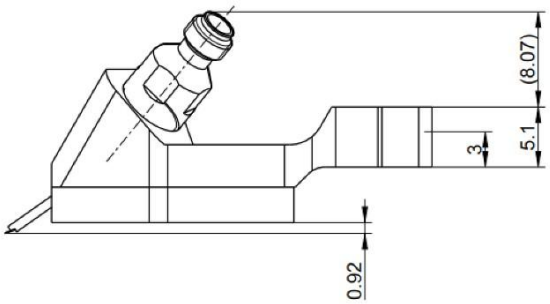
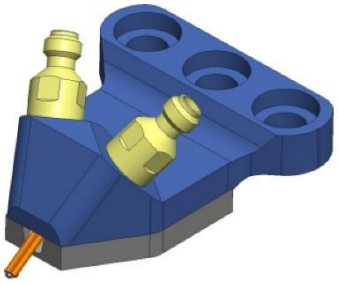
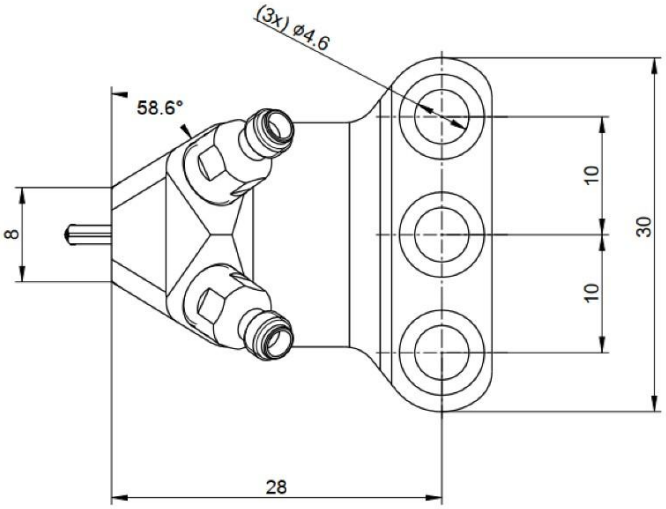
High frequency probe
GSGSG configuration







- all the dimensions are in mm. Tolerance:±0.25mm

Configuration

Connector	1.0 female
Probe Material:	
-Probe tip	Nickel, Gold plating
-Body	Aluminum Alloy
-Insulator	mmWave material
Recommend Overtravel	20um~60um
Tip width	25um

Electrical Characteristics

Impedance	50 Ω
Frequency Range	DC to 110 GHz
Return Loss	>12 dB @ DC to 110 GHz, based on 125um pitch
Insertion Loss	<1.4 dB @ DC to 110 GHz, based on 125um pitch
Contact resistance	< 50 mΩ, Au pads; < 75 mΩ, Al pads;

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Rev	Name	Date
A	Steven.SONG	2024.04.12

High frequency probe GSGSG configuration

Environment Data

Working Temperature	-45℃ to +85℃
RoHS	Compliant

Order Information

P/N	Description
1.0-A-GSGSG-XXX	45 Angle GSGSG Probe, pitch: XXX um, DC to 110GHz
1.0-A-GSGSG-75	45 Angle GSGSG Probe, pitch: 75 um, DC to 110GHz
1.0-A-GSGSG-100	45 Angle GSGSG Probe, pitch: 100 um, DC to 110GHz
1.0-A-GSGSG-125	45 Angle GSGSG Probe, pitch: 125 um, DC to 110GHz
1.0-A-GSGSG-150	45 Angle GSGSG Probe, pitch: 150 um, DC to 110GHz
1.0-A-GSGSG-175	45 Angle GSGSG Probe, pitch: 175 um, DC to 110GHz

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