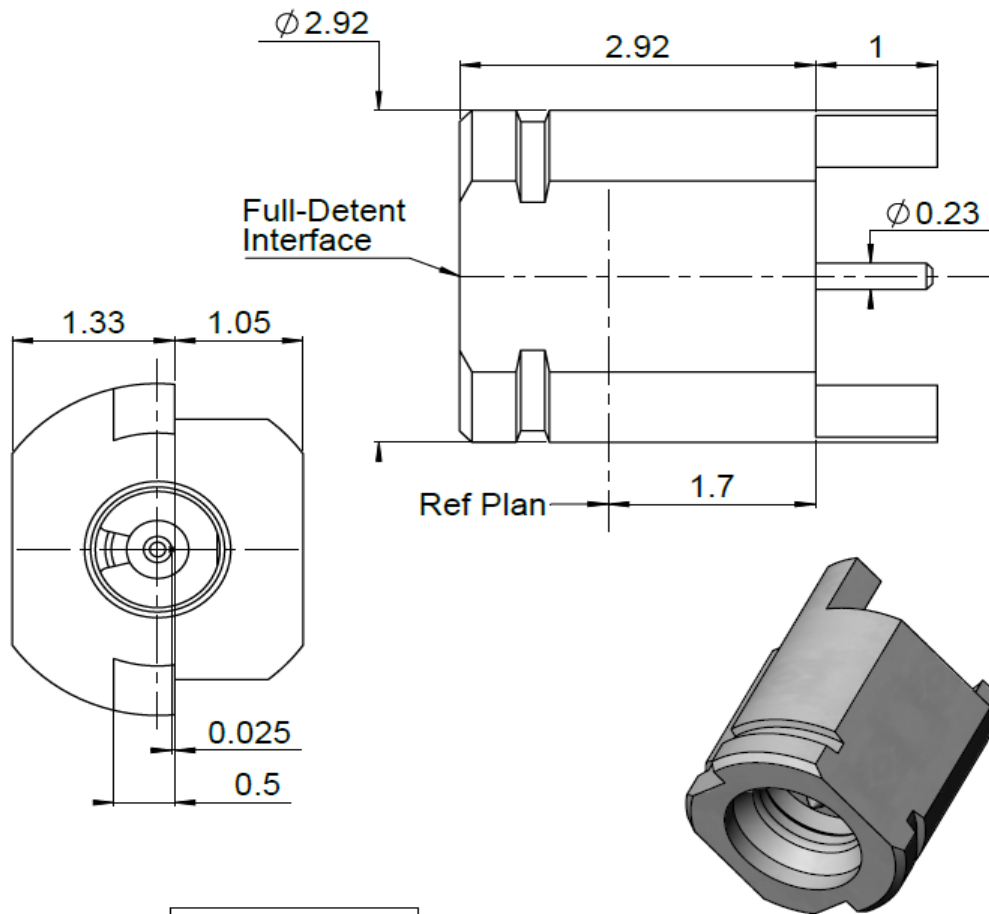

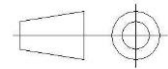


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Scale 1/1

All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	BERYLLIUM COPPER	GOLD OVER NICKEL
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact		
Insulator	PEEK	
Gasket		
Others parts		
-	-	-
-	-	-

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ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-100	GHz
VSWR	1.1 * +	0,0000	x F(GHz) Typical
Insertion loss		0.12	√F(GHz) dB Maxi
RF leakage (typical pair)	- (80	- F(GHz)) dB
Voltage rating		125	Vrms Maxi
Dielectric withstanding voltage		250	Vrms mini
Insulation resistance		3500	MΩ mini
Center contact resistance		6	mΩ Maxi
Outer contact resistance		2	mΩ Maxi

MECHANICAL CHARACTERISTICS

Mating Forces (Typical)

Force to Engagement:	5 N
Force to Disengagement:	11 N

Mating life	100	Cycles mini
Nominal Weight (Add +15% for max weight)	0,1200	g

ENVIRONMENTAL

Operating temperature	-55/+165	°C
Soldering T°C	according to IEC 61760-1 and max 10s at max 260°C	

RECOMMENDED SOLDERING PARAMETERS

Solder paste deposit: Sn (96.5) - Ag (3.0) - Cu (0.5)
Granulometry from 25 to 36 micrometer
Deposit thickness: 80 micrometer
Flux: low residue

SPECIFICATION

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PACKAGING

Standard packaging: **100**
For other types: contact us

OTHER CHARACTERISTICS

***Coaxial transmission line only**

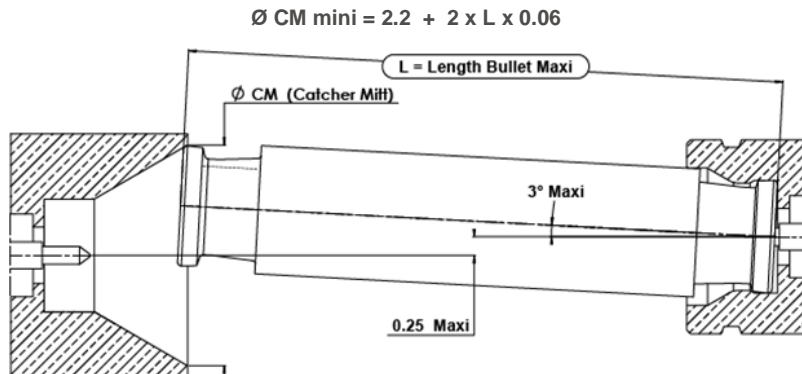
***1.1 (DC to 26.5Ghz)**

***1.25 (26.5 to 65Ghz)**

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CATCHER MITT SIZE FOR FREE BLIND MATE CONNECTION

Contact us for specific catcher mitt development



Complete and detailed information concerning PCB structure and layout for RF adaptation are available on demand.