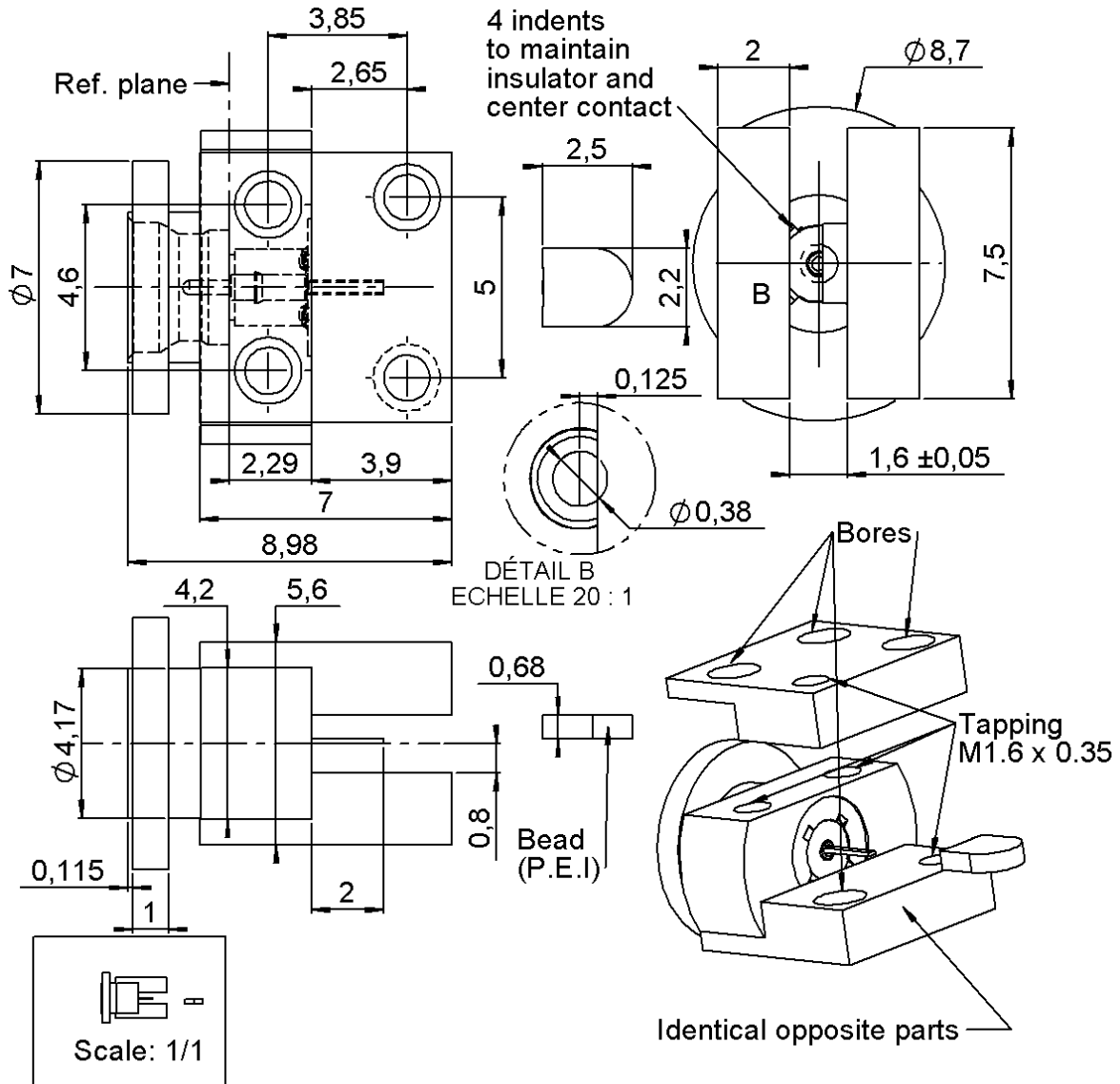
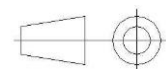


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	STAINLESS STEEL	PASSIVATED
Center contact	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
Outer contact		
Insulator	PTFE	
Gasket		
Others parts	STAINLESS STEEL	PASSIVATED
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-40*	GHz
VSWR	1.15** +	0,0000	x F(GHz) Maxi
Insertion loss		0.12*	√F(GHz) dB Maxi
RF leakage	- (NA	- F(GHz) dB Maxi
Voltage rating		335	Veff Maxi
Dielectric withstanding voltage		500	Veff mini
Insulation resistance		5000	MΩ mini

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		6.8	N mini
Axial force – Opposite end		6.8	N mini
Torque		NA	N.cm mini
Recommended torque			
Mating		NA	N.cm
Panel nut		NA	N.cm
Mating life		100	Cycles mini
Weight		1,8600	g

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:

Compliant with MIL-STD-348

***Coaxial transmission line only**

****DC-15 Ghz**

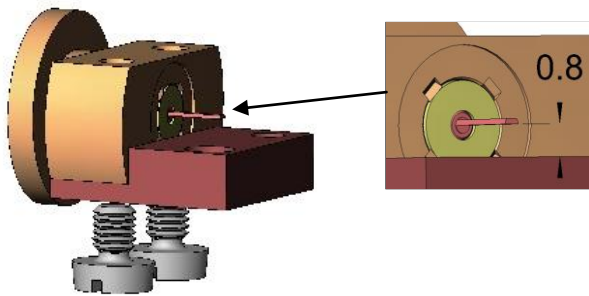
****Performance strongly depends on layout and PCB material**

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ASSEMBLY INSTRUCTION

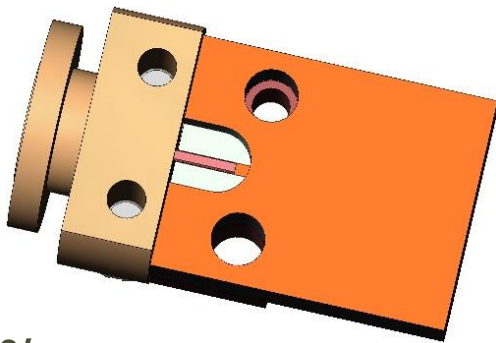
1/

Attach one L shape plate to the connector's body using 2 screws M1.6x0.35, 2.7 mm long max (not supplied)
 Be careful for the orientation: the flat at the rear of the center contact is off centered.
 The space between the plate and the contact should allow room for a 0.8 mm thick board



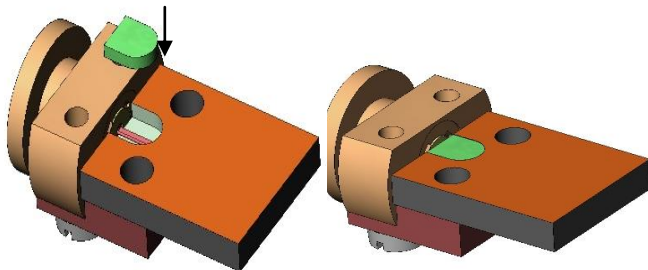
2/

PCB should have an opening on top
 Position accurately the center contact on the track.
 Solder it using a minimum amount of solder



3/

Place the dielectric bead in the opening of the top board



4/

Attach the other L shape plate to the body using 2 screws M1.6x0.35 length 2.7mm (not supplied)
 Insert a M1.6x 0.35 length 5.6mm (not supplied) on the bores on top and bottom of the connector and screw them tightly

