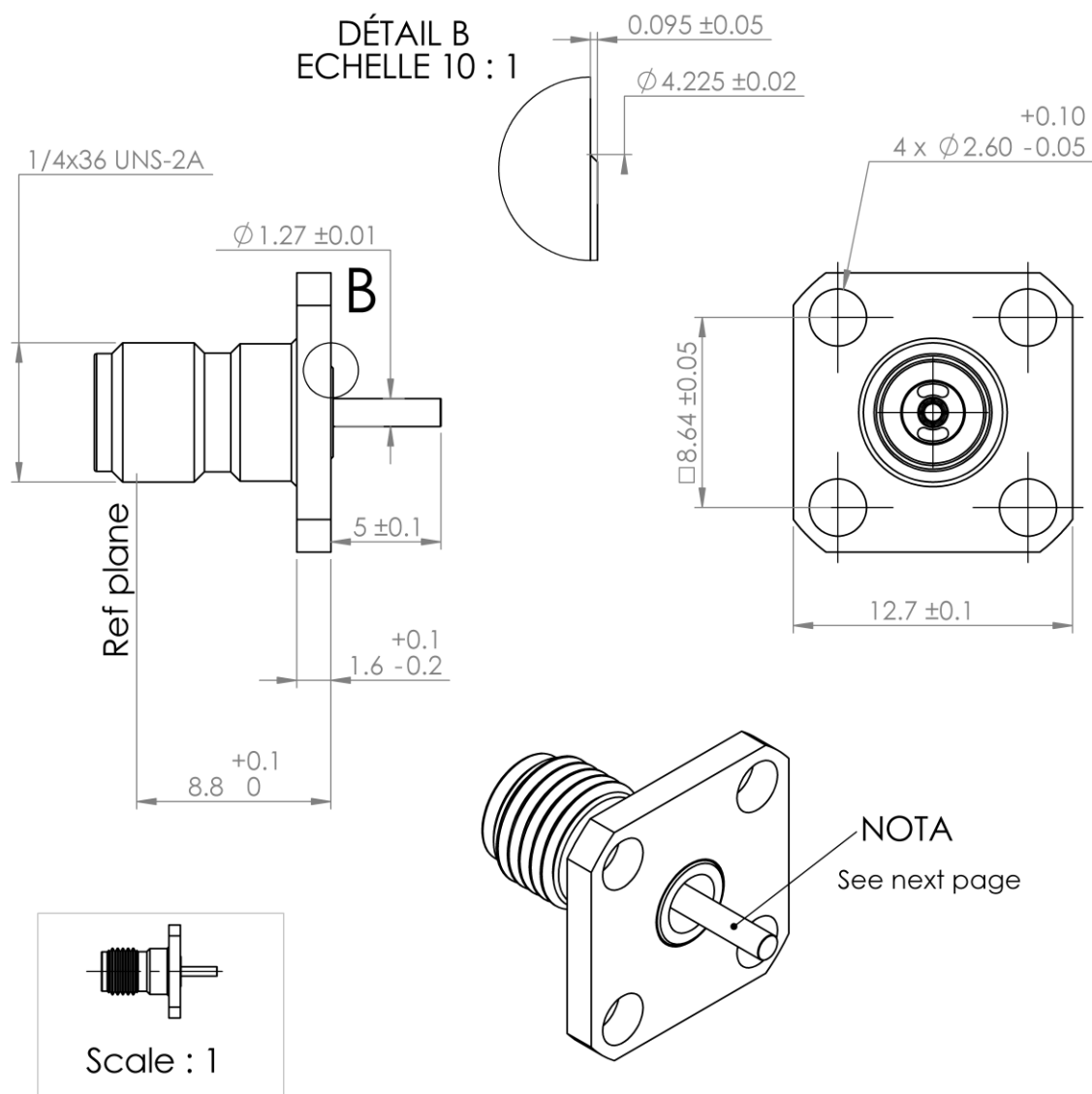


PAGE 1/2

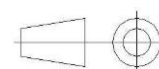
ISSUE 2033A

SERIES SMA2.9

PART NUMBER R127840021X



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	PASSIVATED
Center contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Outer contact	-	-
Insulator	ULTEM	-
Gasket	-	-
Others parts	BRASS	GOLD 1.3 OVER NICKEL2
-	-	-
-	-	-

PAGE 2/2

ISSUE 2033A

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PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-40	GHz
VSWR	1.05 + 0,0050	x F(GHz) Maxi
Insertion loss	0.02+0.03	√F(GHz) dB Maxi
RF leakage	- (90	- F(GHz)) dB Maxi
Voltage rating	350	Vrms Maxi
Dielectric withstanding voltage	750	Vrms mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	27	N mini
Axial force – Opposite end	27	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	80-115	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles Maxi
Weight	3,4000	g Maxi

ENVIRONMENTAL

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

SPECIFICATION

RAD-GEN-CONN 001
RAD-DET-CONN 006

OTHER CHARACTERISTICS

Assembly instruction:

Others:

NOTA:

The insulator inside this connector being in ULTEM, the temperature of the center contact does not have to overtake 170°C. If you need to recommend to use a conductive silver glue. In case of soldering, a thermal shunt should be foreseen.