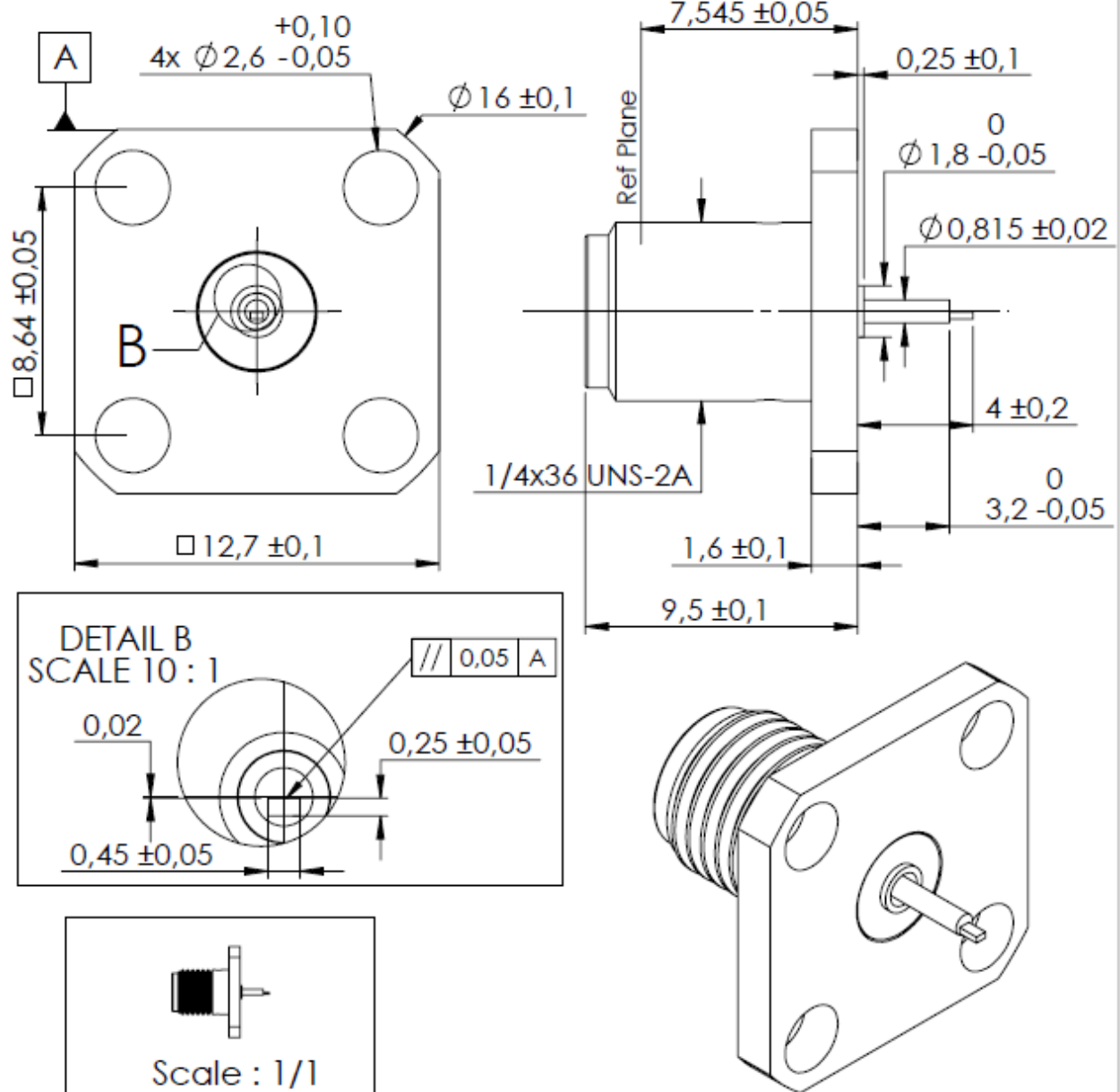


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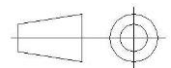
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SERIES SMA-X

PART NUMBER R125501000X



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
Body	<b>STAINLESS STEEL</b>	<b>GOLD 1.3 OVER NICKEL2</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 1.3 OVER NICKEL2</b>
Outer contact	-	-
Insulator	<b>PTFE</b>	-
Gasket	-	-
Others parts	-	-
-	-	-
-	-	-

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## PACKAGING

Standard	Unit	Other
1	-	Contact us

## ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.06 + 0,003	x F(GHz) Maxi
Insertion loss	0.02+0.07*	√F(GHz) dB Maxi
RF leakage	- ( 60	- F(GHz)) dB Maxi
Voltage rating	500	Vrms Maxi
Dielectric withstanding voltage	1000	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	2.8	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles Maxi
Weight	3,200	g Maxi

## ENVIRONMENTAL

Operating temperature	-65/+105	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

## SPECIFICATION

RAD-DET-CONN-003
RAD-GEN-CONN-001

## OTHER CHARACTERISTICS

Assembly instruction:

Others:

\*Coaxial Line Only