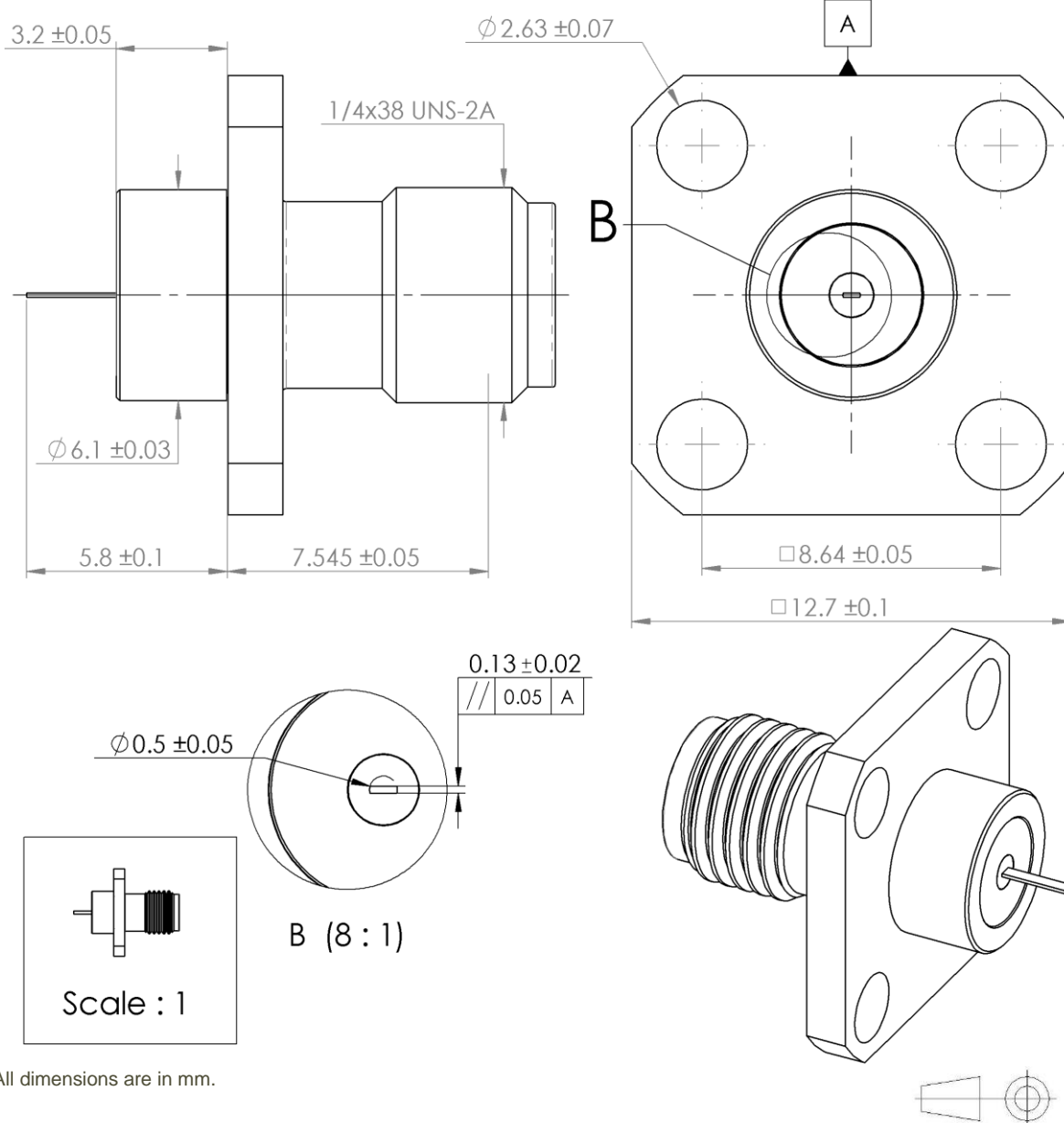


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SERIES SMA-X

PART NUMBER R125612140X



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
Body	<b>STAINLESS STEEL</b>	<b>GOLD 0.5 OVER NICKEL 2</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 1.3 OVER NICKEL2</b>
Outer contact		
Insulator	<b>PTFE</b>	
Gasket		
Others parts	<b>STAINLESS STEEL</b>	<b>GOLD 0.5 OVER NICKEL 2</b>
-	-	-
-	-	-

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ISSUE 2030A

SERIES SMA-X

PART NUMBER R125612140X

### PACKAGING

Standard	Unit	Other
1	-	Contact us

### ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.10 + 0,0100	x F(GHz) Maxi
Insertion loss	0.02+0.05	√F(GHz) dB Maxi
RF leakage	- ( 120	- F(GHz)) dB Maxi
Voltage rating	335	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	80-120	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles Maxi
Weight	3,9000	g Maxi

### ENVIRONMENTAL

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

### SPECIFICATION

**RAD-GEN-CONN 001**  
**RAD-DET-CONN 003**  
**SAC Specification**

### OTHER CHARACTERISTICS

Assembly instruction:

Others:

**NOTA: Electrical characteristics DC-5GHz**  
**VSWR : 1.05 + 0.005 x F**