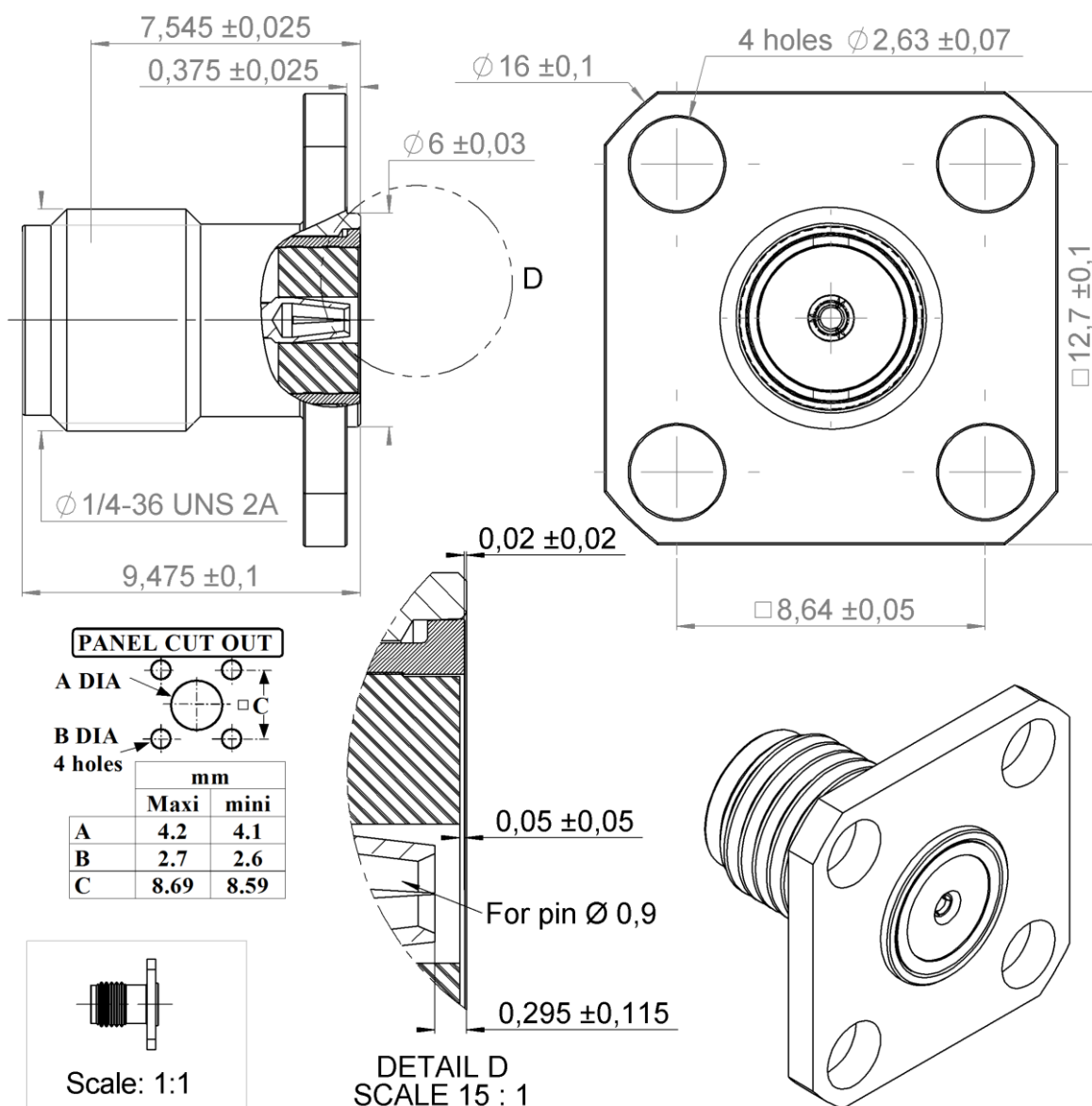


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ISSUE 2028A

SERIES SMA-X

PART NUMBER R125410004X



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	PTFE	
Gasket		
Others parts		
-	-	-
-	-	-

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ISSUE 2028A

SERIES SMA-X

PART NUMBER R125410004X

## PACKAGING

Standard	Unit	Other
1	-	Contact us

## ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.06 + 0,0070	x F(GHz) Maxi
Insertion loss	0.02+0.03	√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	3,3000	g Maxi

## ENVIRONMENTAL

Operating temperature	-55/+105	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

## SPECIFICATION

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

## OTHER CHARACTERISTICS

Assembly instruction:

Others: