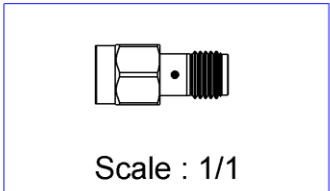
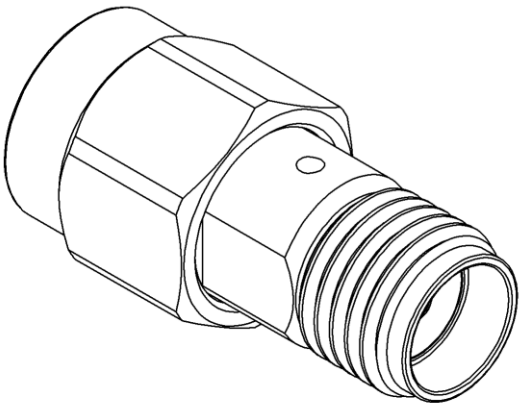
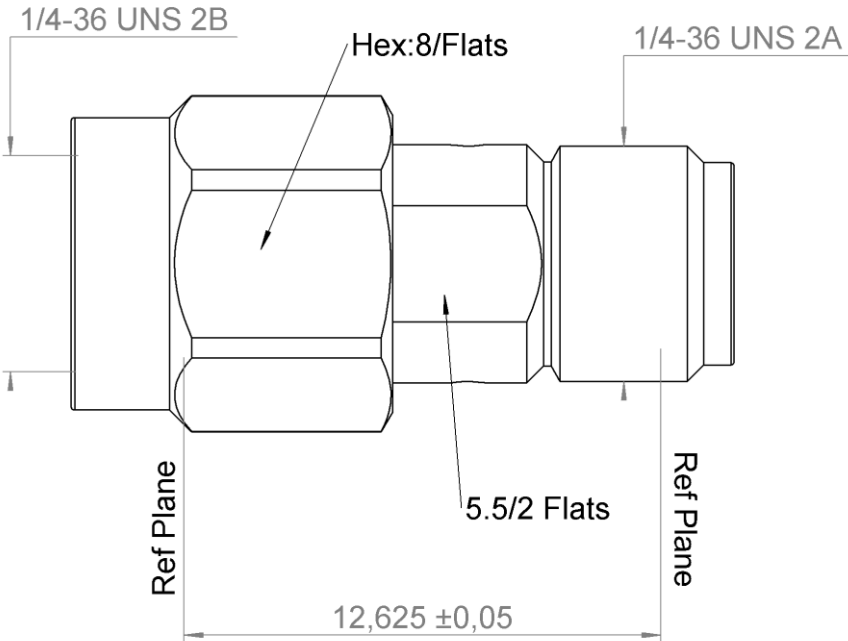
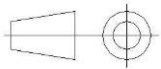


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Scale : 1/1

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	SILICONE	
Others parts	STAINLESS STEEL	PASSIVATED.
-	-	-
-	-	-

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SERIES SMA-X

PART NUMBER R125704001X

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		DC-22	GHz
VSWR	1.1 +	0,0080	x F(GHz) Maxi
Insertion loss		0.02+0.07	√F(GHz) dB Maxi
RF leakage	- (90	- 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		80-120	N.cm
Panel nut		NA	N.cm
Mating life		500	Cycles Maxi
Weight		3,6000	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 004

OTHER CHARACTERISTICS

Assembly instruction:

Others:

* VSWR: DC to 18GHz =1.05+0.005xF(GHz)
18 to 22GHz = 1.2