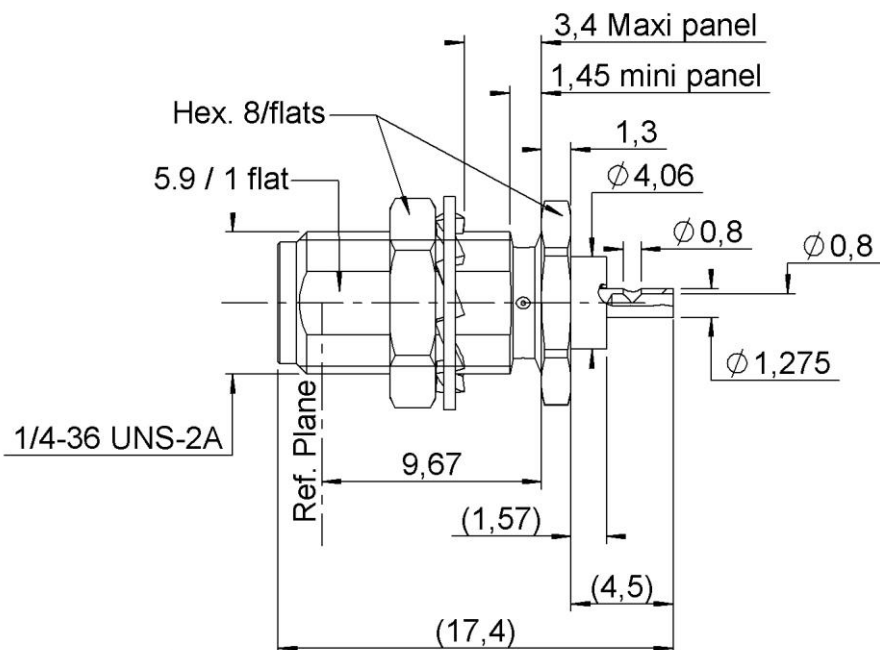


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SERIES **SMA**

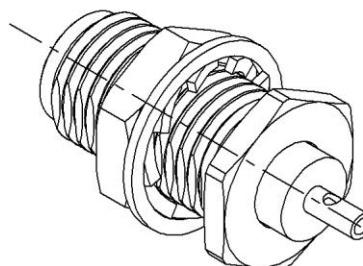
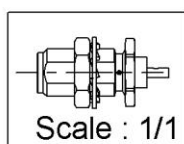
PART NUMBER **R125553001**



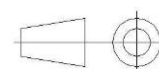
PANEL CUT OUT

A B

	mm	
	Maxi	mini
A	6.5	6.4
B	6.14	6



All dimensions are in mm. Tolerances according ISO 2768 m-H



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

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SERIES **SMA**

PART NUMBER **R125553001**

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	*1.04 + 0,0050	x F(GHz) Maxi
Insertion loss	*0.05	\sqrt{F} (GHz) dB Maxi
RF leakage	- (90	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

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

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

SPECIFICATION

Recommended torque		
Mating	NA	N.cm
Panel nut	150	N.cm

OTHER CHARACTERISTICS

Mating life	500	Cycles mini
Nominal Weight	2,6000	g
(Add +15% for max weight)		

Assembly instruction:

Others:

*** Coaxial Transmission Line Only**