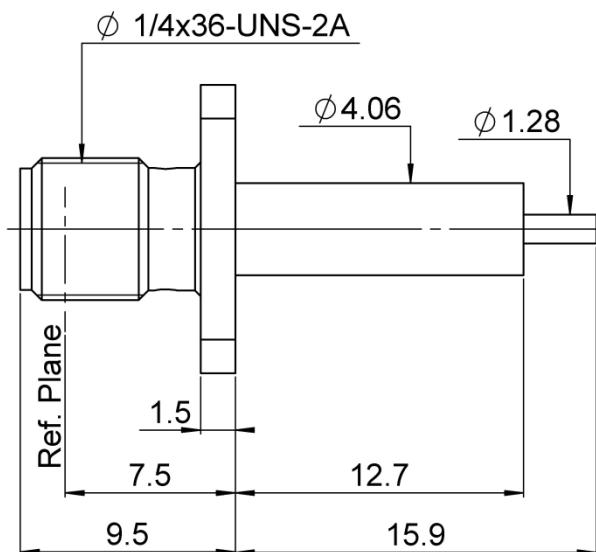
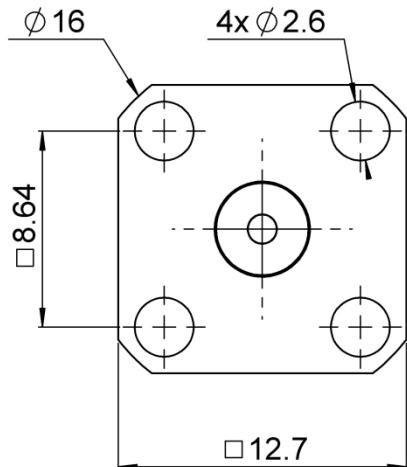


PAGE 1/2

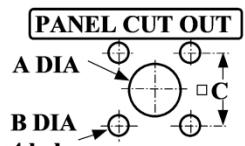
ISSUE
28-01-26A

SERIES SMA

PART NUMBER RS01414000

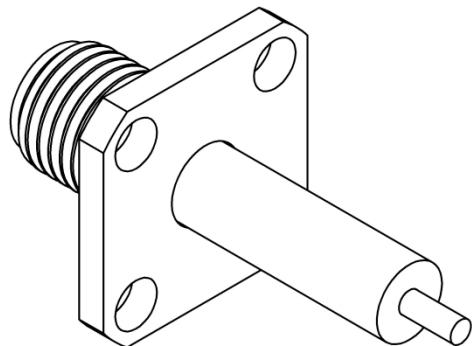
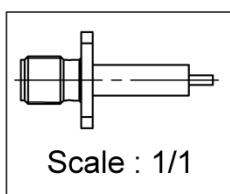


PANEL CUT OUT



4 holes

	mm	
	Maxi	mini
A	4.2	4.1
B	2.7	2.6
C	8.69	8.59



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		
-	-	-
-	-	-

PAGE 2/2	ISSUE 28-01-26A	SERIES SMA	PART NUMBER RS01414000
----------	--------------------	-------------------	-------------------------------

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.06*	+ 0.0020
Insertion loss	0.02+0.07*	x F(GHz) Maxi
RF leakage	- ($\sqrt{F(\text{GHz})}$ dB Maxi
Voltage rating	60	- F(GHz) dB Maxi
Dielectric withstanding voltage	500	Veff Maxi
Insulation resistance	1000	Veff mini
	5000	MΩ mini

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm ³ /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
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles mini
Nominal Weight	0.0000	g
(Add +15% for max weight)		

SPECIFICATION

RAD-GEN-CONN-006

OTHER CHARACTERISTICS

Assembly instruction:

Others:

* **Coaxial Transmission Line Only**