


**MODEL:** RF-SMA-RP-CC-RA-F-6-025-67 | **DESCRIPTION:** RF SMA CONNECTOR

**FEATURES**

- frequency range 0-6 GHz
- character impedance 50  $\Omega$
- SMA connector type
- cable crimp
- IP67


**SPECIFICATIONS**

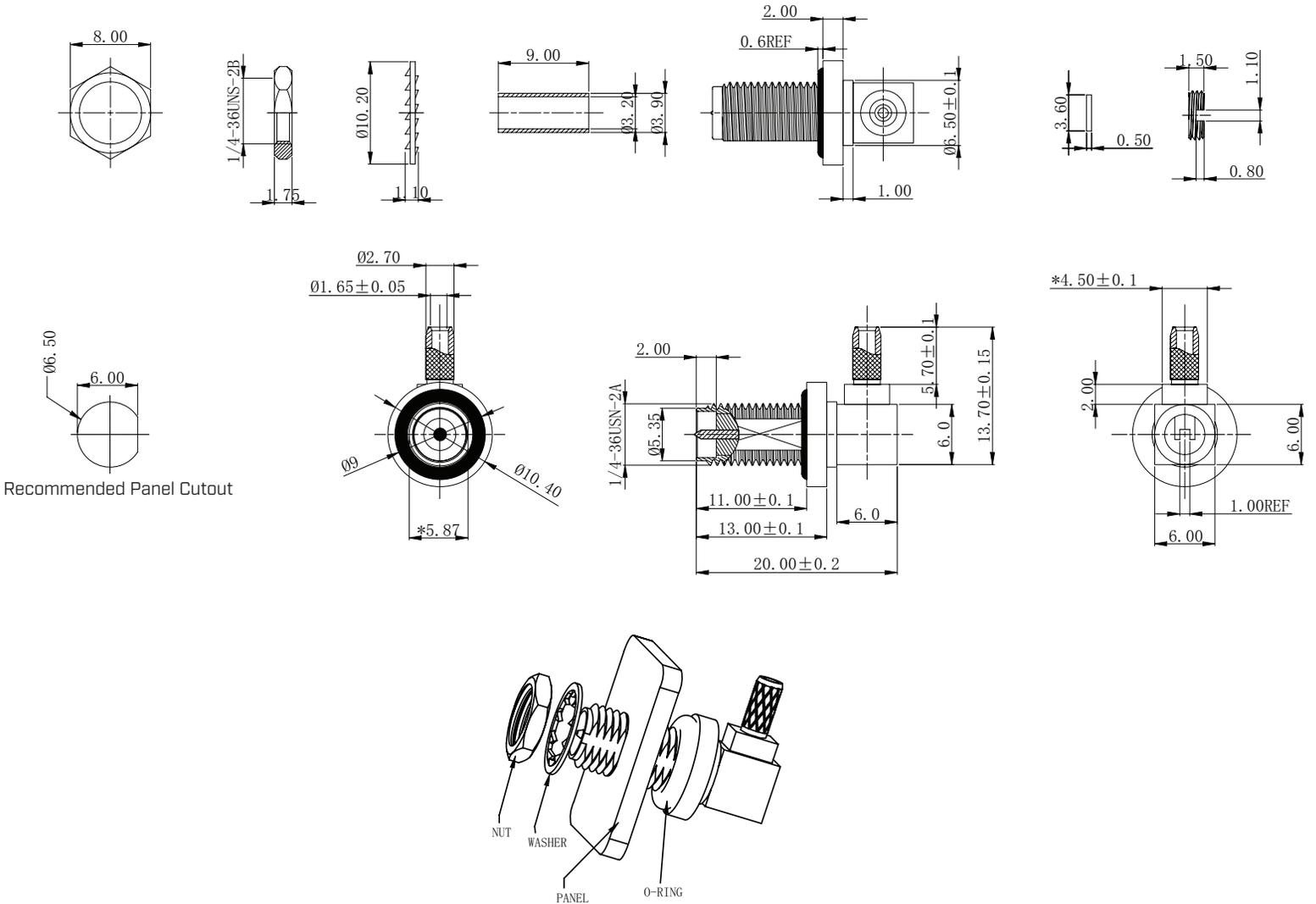
parameter	conditions/description	min	typ	max	units
impedance			50		$\Omega$
frequency range		0		6	GHz
VSWR				1.5	
working voltage	at sea level		335		Vrms
insulation resistance		5,000			M $\Omega$
contact resistance	center contact outer contact			3 2	m $\Omega$ m $\Omega$
dielectric withstand voltage			1,000		V
mating torque		0.3		0.6	N*m
life		500			cycles
operating temperature		-55		165	$^{\circ}$ C
standards	compliant with MIL-C-39012, CECC 22110/111				
interface	MIL-STD-348				
RoHS	yes				
IP level	IP67 [in mated condition]				

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 0.5 ≤ X ≤ 8.0: ±0.10 mm  
 8.0 < X < 30.0: ±0.15 mm  
 X ≥ 30.0: ±0.20 mm  
 unless otherwise specified  
 panel thickness: 1.2-3.0 mm

cable type recommendation: RG316

DESCRIPTION	MATERIAL	PLATING/COLOR
body	brass	gold
insulator	PTFE (UL94V-0)	white
center contact	brass	gold
o-ring	rubber	red
gasket	PTFE (UL94V-0)	white
nut	brass	gold
tube	brass	nickel



## REVISION HISTORY

rev.	description	date
1.0	initial release	02/18/2026

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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