

**MODEL:** RF-SMA-CC-RA-F-6-021 | **DESCRIPTION:** RF SMA CONNECTOR**FEATURES**

- frequency range 0~6 GHz
- character impedance 50 Ω
- SMA connector type
- cable crimp

**SPECIFICATIONS**

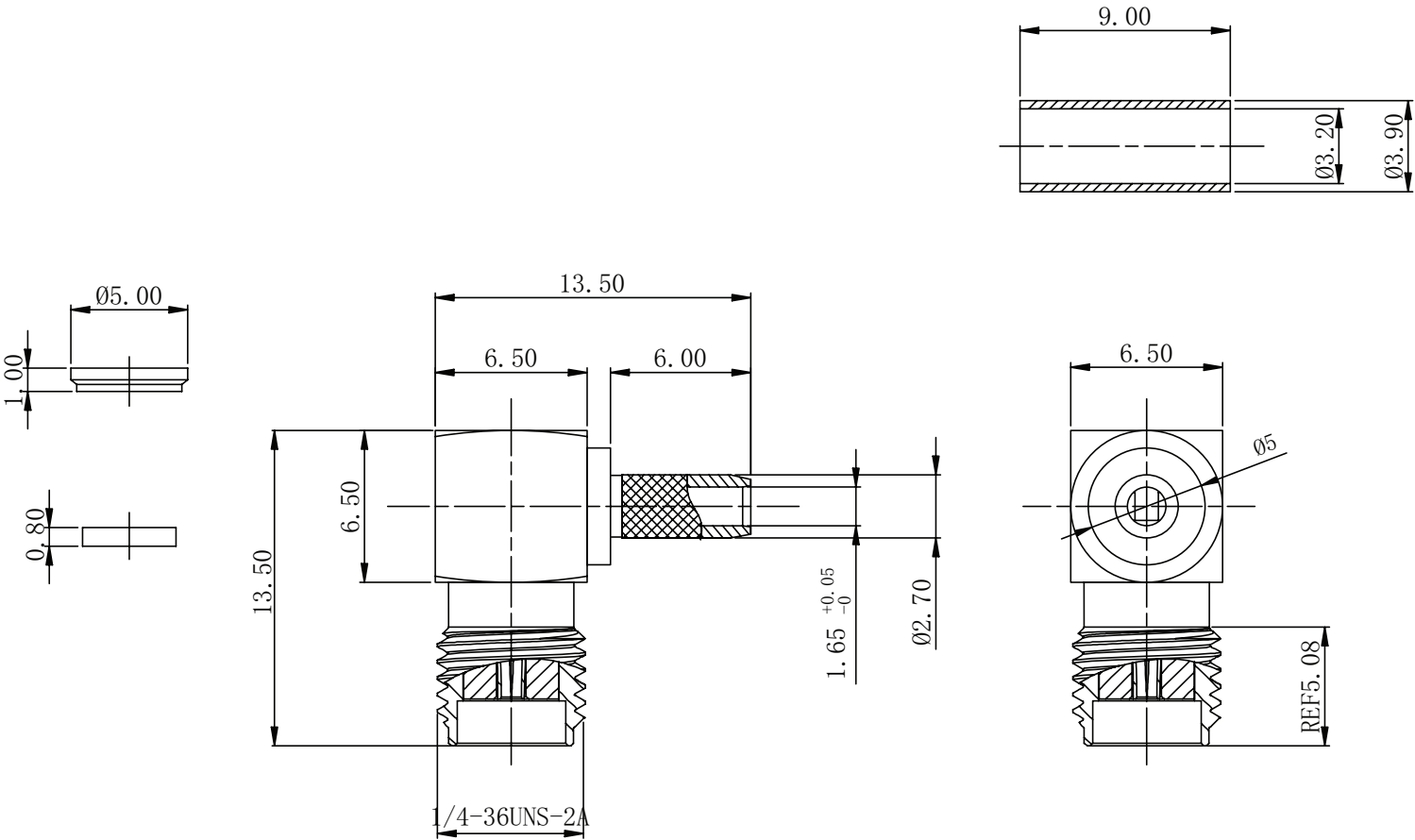
parameter	conditions/description	min	typ	max	units
impedance			50		Ω
frequency range		0		6	GHz
VSWR				1.5	
working voltage	at sea level		335		Vrms
insulation resistance		5,000			M Ω
contact resistance	center contact			3	m Ω
	outer contact			2	m Ω
dielectric withstand voltage			1,000		V
mating torque		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				

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

cable type recommendation: RG316

DESCRIPTION	MATERIAL	PLATING/COLOR
body	brass	gold
insulator	PTFE [UL94V-0]	white
center contact	brass	gold
gasket	PTFE [UL94V-0]	natural
back cover	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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