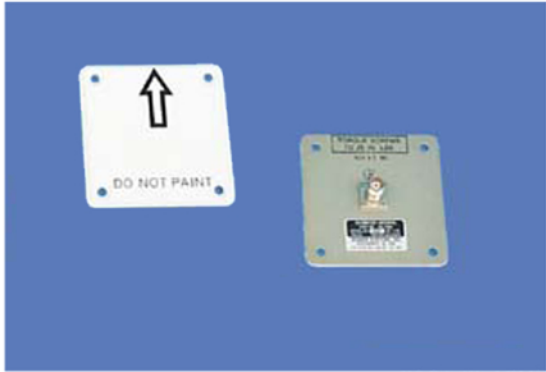


# Altimeter S67-2002-14



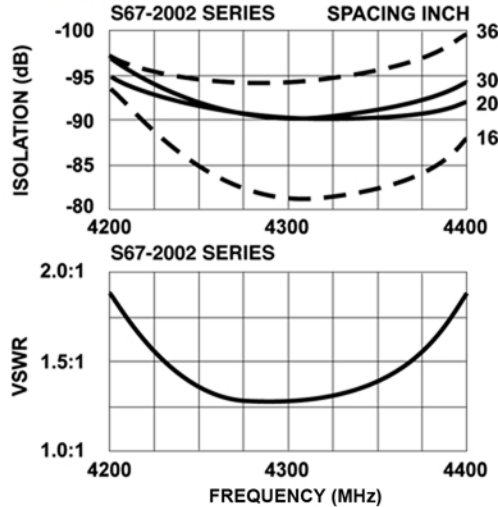
U.S. Patent No. 4,460,894

## DESCRIPTION

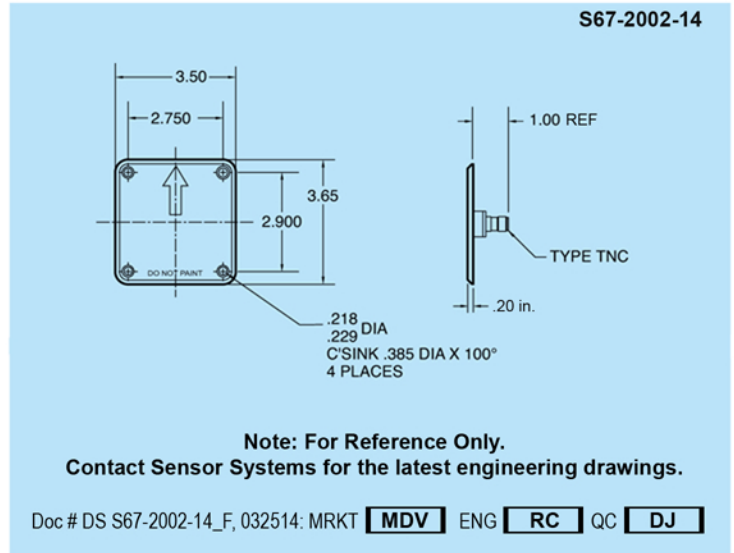
**S67-2002-14:** Flush mounted radio Altimeter Antenna designed to provide improved performance and reduced size and weight. Small size provides ease of mounting. Connector length of 1.0 inch. Ideal for Raytheon application.

**FEDERAL & MILITARY SPECS:** FAA TSO C87, ARINC 707/552, MIL-E-5400, MIL-E-5272C.

## PERFORMANCE



SPECIFICATIONS	ALTIMETER
<b>MODELS</b>	<b>S67-2002-14</b>
<b>ELECTRICAL</b>	
Frequency	4200-4400 MHz
VSWR	≤2.0:1 (4200-4400 MHz) ≤1.9:1 (4210-4390 MHz) ≤1.5:1 (4275-4325 MHz)
Polarization	Linear
Impedance	50 ohms
Beam Width	Roll Plane (E) :45° min. Pitch Plane (H) :40° min.
Power Handling	1 Watt average 10 Watts peak
Side Lobe Level	-40 dB
Gain	10.0 dBi
Lightning Protection	DC grounded
<b>MECHANICAL</b>	
Weight	4 oz.
Height	.20 in.
Length	3.65 in.
Width	3.50 in.
Material	6061-T6 aluminum / teflon glass
Finish	Skydrol-resistant polyurethane enamel
Connector	TNC Female
<b>ENVIRONMENTAL</b>	
Temperature (Operating)	-54°C (-65°F) to +55°C (+131°F)
Vibration	10 Gs
Altitude	-100' to 60,000 ft.
<b>ISOLATION H-PLANE</b>	16" 80 dB; 20" 88 dB; 30" 90 dB; 36" 95 dB



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