

Marker Beacon S35-1000-10



Description

This marker beacon antenna is fabricated from an aluminum alloy casting which is impervious to the tough environment typical of the underside of an aircraft.

The **S35-1000-10** antenna's electrical characteristics are similar to the short horizontal dipole while providing VSWR and radiation patterns per MIL-A-5999A.

The antenna is DC grounded to protect from lightning and is hermetically sealed for a long service life.

Federal & Military Certifications:

TSO-C35c, ETSO-2C35d, MIL-A-5999A, and MIL-E-5400H.

Specifications

Electrical

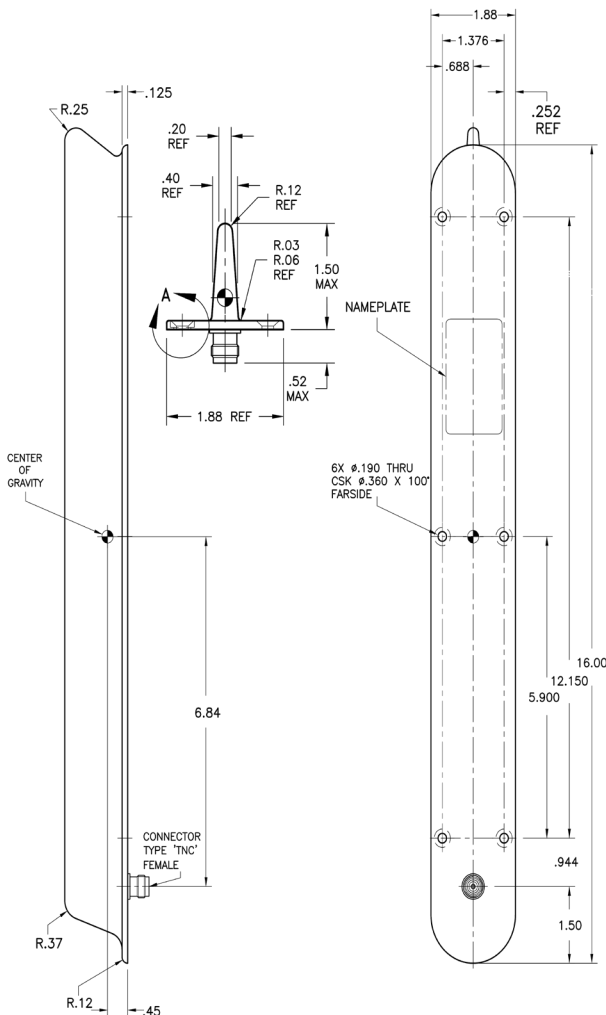
Frequency	75 MHz
VSWR	$\leq 1.5:1$ @ 75MHz $\leq 5.0:1$ @ 75 ± 0.15 MHz
Gain	0 ± 2 dBi (Relative to Isotropic)
Polarization	Linear along Major Axis
Pattern	Single Downward Lobe
Impedance	50 Ω
Application	CFRP Mounting Surface Only

Mechanical

Weight	12 oz.
Height	1.50 in.
Length	16.00 in.
Width	1.88 in.
Material	A356-T6 Aluminum Alloy Casting / Epoxy Fiberglass Cover
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female (MIL-C-39012)

Environmental

Temperature (Operating)	-61°C (-77°F) to +74°C (+165°F)
Altitude	-1800 to 70,000 ft.



Please Note: For REFERENCE ONLY
Contact Sensor Systems for latest drawing



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Website: www.sensorantennas.com



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