

Marker Beacon S35-1000-2



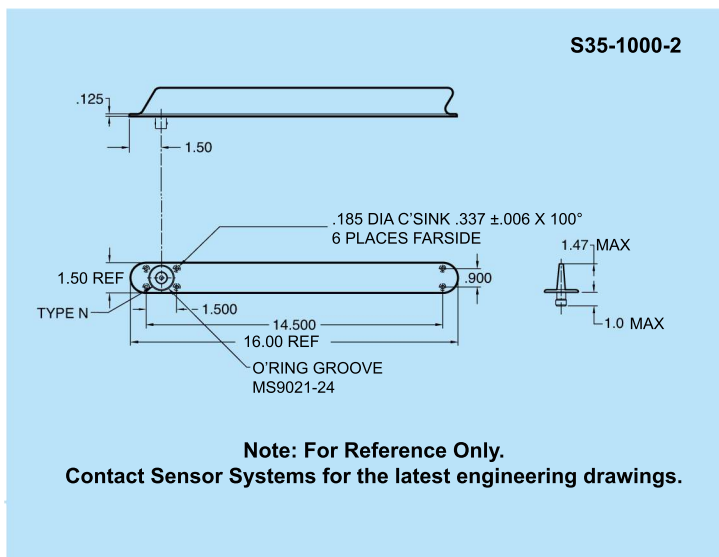
DESCRIPTION

S35-1000-2: Fabricated from aluminum alloy casting which is impervious to the tough environments typical of the underside of an aircraft. Skydrol and erosion resistant. DC grounded for lightning protection. Electrical characteristics similar to short horizontal dipole, providing VSWR and radiation patterns per MIL-A-5999A.

NSN: 5985-01-411-1141

FEDERAL & MILITARY SPECS: FAA TSO-C35c, RTCA DO-160D/G, DO-143, SAE ARP5416, MIL-HDBK-5400, MIL-A-5999A, and MIL-STD-810D/E.

SPECIFICATIONS	
MODELS	S35-1000-2
ELECTRICAL	
Frequency	75 MHz
VSWR	≤ 1.5:1 @ 75 MHz ≤ 5.0:1 @ 75 ± 0.15 MHz
Pattern	Single downward lobe
Polarization	Linear (major axis)
Impedance	50 Ohms
Gain	-3 dBi (Relative Isotropic)
Lightning Protection	DC Grounded
MECHANICAL	
Weight	11 oz.
Height	1.47 in.
Material	A356-T6 Aluminum Alloy/Epoxy Fiberglass
Finish	Skydrol Resistant Enamel
Connector	N Female
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +115°C (+239°F)
Vibration	10 Gs
Sideload	12 PSI
Altitude	55,000 ft.



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