



Description

S67-1575-338: L1 GPS operating at 1575.42 MHz and GLONASS operating at 1601.00 MHz. Molded radome provides enhanced protection against rain, ice and lightning strikes. Application for airborne, marine, ground vehicles and manpack installation. The antenna features a state-of-the-art amplifier that uses advanced technologies to provide high GPS GLONASS signal levels with extremely low noise operation for fast satellite acquisition. The amplifier's complex filtering network rejects adjacent/out of band signals that interfere with the GPS GLONASS operating frequency. The antenna is capable of operating with voltages between +4 to 24 VDC, due to the amplifier's advanced voltage regulator.

FEDERAL & MILITARY: TSO C144, DO-160D/E/G, DO-228, SAE ARP5416, and MIL-STD-810D.

Specifications

Electrical

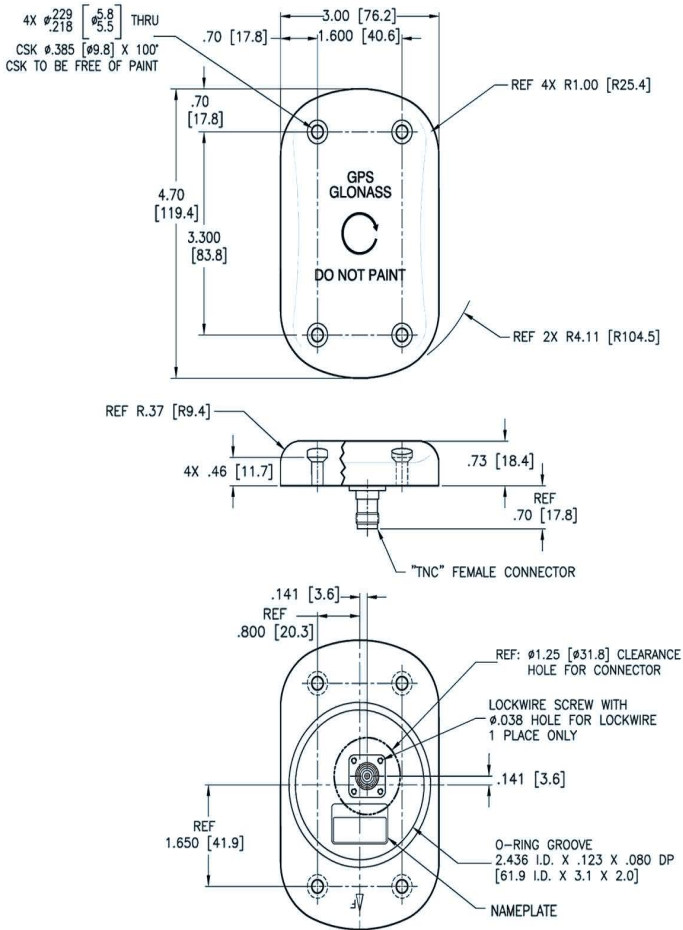
Frequency	1559.0 - 1610.0 MHz
VSWR	≤ 2.2:1
Impedance	50 Ω
Polarization	RHCP
Axial Ratio	≤ 3.0 dB @ Zenith
Gain (antenna)	-1.0 dBic Min @ Zenith
Gain (Preamplifier)	29.5 ± 3 dB
Supply Voltage	+4 to +24 VDC @ 60 mA Max.
Power Handling	1W (+30 dBm for 5 minutes)

Mechanical

Weight	10 oz.
Material	6061-T6 Aluminum Alloy / Thermoset Plastic
Finish	Skydrol-Resistant Polyurethane Enamel
Connector	TNC Female

Environmental

Temperature	-55°C (-67°F) to +70°C (+158°F)
Altitude	55,000 ft.



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



A HEICO COMPANY

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