NSN 5840-01-343-0967

T208-a

Radar Receiver-transmitter - Page 1 of 1



View Online at https://aerobasegroup.com/nsn/5840-01-343-0967 **Overall Length:** 6.560 inches **Overall Height:** 2.580 inches Overall Width: 5.750 inches Dc Voltage Rating: Between 24.0 volts and 32.0 volts **Cubic Measure:** 85.000 cubic inches **End Application:** 5840-01-013-1300, drone target control station, a/f37g-1 **Electrical Power Source Relationship:** Operating **Usage Design:** C-band radar transponder **Transmitted Signal Frequency Rating:** Between 5.4 gigahertz and 5.9 gigahertz **Received Signal Frequency Rating:** Between 5.4 gigahertz and 5.9 gigahertz **Functional Description:** Utilized primarily for command and control of remote vehicles; operating with ground-based c-band tracking radars as a part of the dtcs, this is the rf unit of the air target group set (atgs); provides airborne portion of the up and downlinks used to control both fullscale and subscale targets, drones, and other unmanned vehicles, both sea and airborne; also simultaneously provides the range safety tracking function **Supplementary Features:** Impedance 50 ohms; oper. Temp. Range -66 to +160 degrees f; storage temp. Range -80 to +167 degrees f; altitude 0 to 230, 000 ft; 30 psi max; superheterodyne receiver; magnetron output transmitter Shelf Life: N/a **Unit Of Measure: Demilitarization:** Yes - demil/mli Fiig: