

View Online at <https://aerobasegroup.com/nsn/5895-01-466-7407>

**Overall Depth:**

8.375 inches

**Overall Height:**

5.375 inches

**Overall Width:**

5.375 inches

**Usage Design:**

Identification

**Transmitted Signal Frequency Rating:**

Between 1089.5 megahertz and 1090.5 megahertz

**Received Signal Frequency Rating:**

Between 1029.5 megahertz and 1030.5 megahertz

**Special Features:**

Primary input voltage is 18 to 30 vdc; input power 30 watts ; peak power output 500.0 watts plus or minus 3 db; transmit duty cycle 1.0 percent ; receiver bandwidth 7 mhz, 6 db down, plus or minus 22 mhz, 90 db down; sensitivity (mtl) minus 77 dbm each channel; dynamic range 55 db ; temperature range remote, minus 54 to plus 95 degrees c, class ii; electromagnetic compatibility per mil-std-461; equipment specification mil-r-81876 with appendix ii for mode s

**Type/model Designation:**

An/apx-100 mark xii / mode s iff transponder

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T208-a