

View Online at <https://aerobasegroup.com/nsn/5985-01-362-0598>

**Overall Length:**

15.940 inches

**End Application:**

Next generation radar (nexrad)

**Radio Frequency Rating:**

Between 2.7 gigahertz and 3.0 gigahertz

**Unit Type:**

Waveguide

**Voltage Standing Wave Ratio At Reference Frequency:**

1.20 to 1

**Special Features:**

Single channel; power input, 1.1 megawatts peak and 2.2 kilowatts average with a pulse width of 0.70 to 5 microseconds ; waveguide size, m85/1-042, wr284; flanges, m3922/61-001, ug-585a/u; temperature range, operating, minus 40 deg.C. To +49 deg.C.; nonoperating, minus 62 deg.C. To +60 deg.C.; humidity, operating/nonoperating, 15 to 100%

**Material:**

Aluminum alloy

**Material:**

Aluminum alloy

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

T389-c