

View Online at <https://aerobasegroup.com/nsn/5820-01-527-1197>

**Overall Depth:**

1.700 inches

**Overall Height:**

7.250 inches

**Overall Width:**

3.400 inches

**Dc Voltage Rating:**

Between 8.0 volts and 33.0 volts

**End Application:**

W/s: land warrior

**Joint Electronics Type Designation System Item Name:**

Receiver-transmitter, radio

**Joint Electronics Type Designation System Item Type Number:**

Rt-1902/g

**Power Output:**

5.000 watts

**Special Features:**

Technical characteristics; electromagnetic data: burst waveform, 512 hz. Burst rate (), 4-way selectable power: 5, 1, 0.5 and 0.1 watts. Up to eight selectable 3 mhz 3db bandwidth channels, with center frequencies within the 420-450 mhz uhf "radiolocation" band. Protocol: cryptographically secure time division multiple access protocol, with frequency division and code division multiple multiple access overlays. Signal type: direct sequence spread spectrum @5 megachips per second (variable chips per bit), shift keying (msk) modulation technique, with embedded reed-soloman error correction and detection and row/column interleaving. Data rates: selectable up to 486kbps. Operating power requirements: 8-33 vdc, 5 watts. Weight: 1.5 pounds, mounting data: soldier-mounted pouch.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T199-d