

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