

View Online at <https://aerobasegroup.com/nsn/5962-01-575-0715>

Overall Length:

Between 5.800 inches and 6.200 inches

Overall Height:

Between 1.350 inches and 1.750 inches

Body Length:

Between 3.800 inches and 4.000 inches

Body Width:

Between 9.800 inches and 10.000 inches

Body Height:

Between 1.100 inches and 1.650 inches

Operating Temperature Range:

-40.0/+85.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Receivers for frequency and phase modulation; very wide range if and rf power measurement; receiver signal strength indication (rssi); low cost radar and sonar signal processing; instrumentation, network and spectrum analyzers

Design Function And Quantity:

1 amplifier, log

Product Name:

5 mhz-400 mhz 100 db high precision limiting-logarithmic amplifier

Special Features:

Complete, fully calibrated log-limiting if amplifier; 100 db dynamic range, -91 dbv to +9 dbv; stable rssi scaling over temperature and supplies, 20 mv/db slope, -95 dbm intercept +/-0.4 db rssi linearity up to 200 mhz; programmable limiter gain and output current, differential outputs to 10 ma, 2.4 v p-p, gain 90 db, bandwidth 400 mhz, constant phase (typical +/-56 ps delay skew); single supply of +2.7 v to +6.5 v at 16 ma typical; fully differential inputs; 500 ns power up time

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

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