

View Online at <https://aerobasegroup.com/nsn/5962-01-574-9947>

Operating Temperature Range:

-40.0/+85.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Rf transmitter power amplifier setpoint control and level monitoring; logarithmic amplifier for rssi measurement cellular base stations, radio link, radar

Features Provided:

Ac coupled

Design Function And Quantity:

1 detector and 1 amplifier, analog

Product Name:

0.1 ghz to 2.5 ghz 70 db logarithmic detector/controller

Special Features:

Analog device with wide bandwidth, 0.1 ghz to 2.5 ghz; high dynamic range, 70 db to +/- 3.0 db; high accuracy, 1.0 db over 65 db range @ 1.9 ghz; fast response, 40 ns full scale typical; controller mode with error output; scaling stable over supply and temperature; wide supply range, 2.7 v to 5.5 v; low power, 40 mw at 3 v; power down feature, 60 mw at 3 v

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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