

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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