## Product Features

- Frequency Range = 0.1 to 18 GHz
- Max Noise Figure: 2.0 dB
- Min Gain: 47 dB
- Max Gain Flatness: <±2 dB
- Min Output Power (P@1dB): +10 dBm
- State-of-the-Art PHEMT Technology
- MIL-883, MIL-45208 construction and reliability
- Internal DC regulator allows supply voltage from +15 VDC

## Product Description

**Applications**

- ECM Testing
- Instrumentation
- SATCOM Systems
- Radar Systems
- Test Systems

*Stresses above those listed under "Absolute Maximum Rating" may cause permanent damage to the device. This is a stress rating only and functional operation of the device at these or any other conditions above those indicated in the operational sections of this specification is not implied. Exposure to absolute maximum rating conditions for extended periods may affect device reliability. All STANDARD units are packaged in Aluminum housings that are layered with electroless Nickel and then plated with Gold to eliminate contamination of other adjacent electronic components.*
Outline Drawing

**D4 OUTLINE DRAWING**

"D" SERIES AMPLIFIERS

**ENGINEER**
Fawad Maqbool: 3/24/20
Don Sartorius: 3/24/20
Ewa Polubiak: 3/24/20
Fawad Maqbool: 3/24/20
John Probst: 3/24/20

**AMPLITECH**
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**Note:** Custom outline options available