



2-6 GHz 80 Watt Amplifier: AGM/060-4960

FEATURES

- Solid-State Power Amplifier
- GaN technology
- Compact hermetically sealed package
- MIC thin film design for high reliability
- Designed for industrial and military apps
- Frequency coverage from 2 to 6 GHz
- Currently available in 20, 40, 80 Watts
- 150 Watt version coming soon!



DESCRIPTION

This family of GaN amplifiers covers 2 to 6 GHz with CW output power ranging from 20 to 80 Watts, with a 150-Watt version coming soon. All units will go through CTT standard screening to ensure reliability.

The following specifications are guaranteed at +25°C case operating temperature. The unit can safely operate up to +60°C case operating temperature.

ELECTRICAL SPECIFICATIONS

No.	Description	Specification
1.0	CTT Model Number	AGM/060-4960
2.0	Frequency	2.0-6.0 GHz
3.0	Gain, Min.	60.0 dB
4.0	Gain Flatness, Max.	+3.0 dB
5.0	Noise Figure, dB, Max.	6.0 dB
6.0	Psat, dBm, Min.	+49.0 dBm (+48.0 dBm @ Band Edge)
7.0	VSWR, In/Out, Max.	2.0:1 / 2.0:1
8.0	Vdc	+30 V
9.0	DC current, Max.	15.0 A
10.0	RF Connectors	SMA, Female
11.0	Outline	6.32" x 4.50" x 0.80"
12.0	TTL Control	"1" = On, "0" = Off, 10 microseconds, typ.