

Part No:

HWAMP12-E1011



Power Amplifier, WR-12, E-Band, 71 to 86 GHz

Electrical

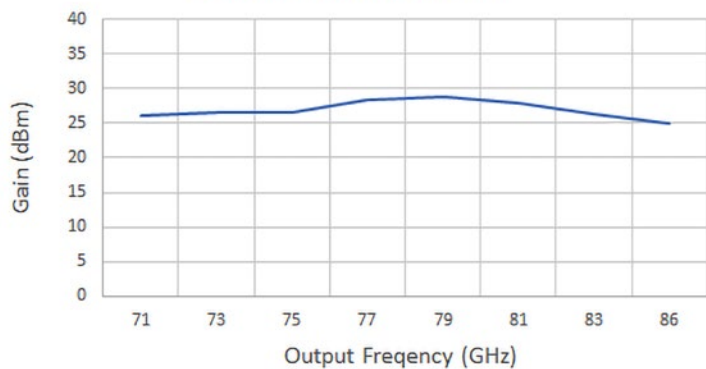
- Output Frequency 71 ~ 86 GHz
- Gain 25dB Min.
- PSAT 11 dBm Min., 13dBm Typ.
- P1dB 10 dBm Typ.
- DC +7.5V to +12V @ 150 mA Typ.

Material

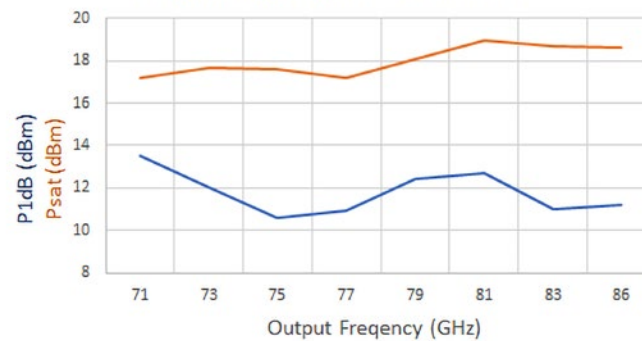
- Waveguide Gold Plated Aluminum
- Waveguide In/Out WR-12, UG-387/U

The HWAMP12-E1011 is a Full E-Band Power Amplifier with a gain of +25 dB from 71-86 GHz. This Power Amplifier operates with 7-12VDC. Internal reverse bias protection ensures reliability. This is an excellent full E-Band Power for transmitters, Up-Converters, Radars, and general lab use.

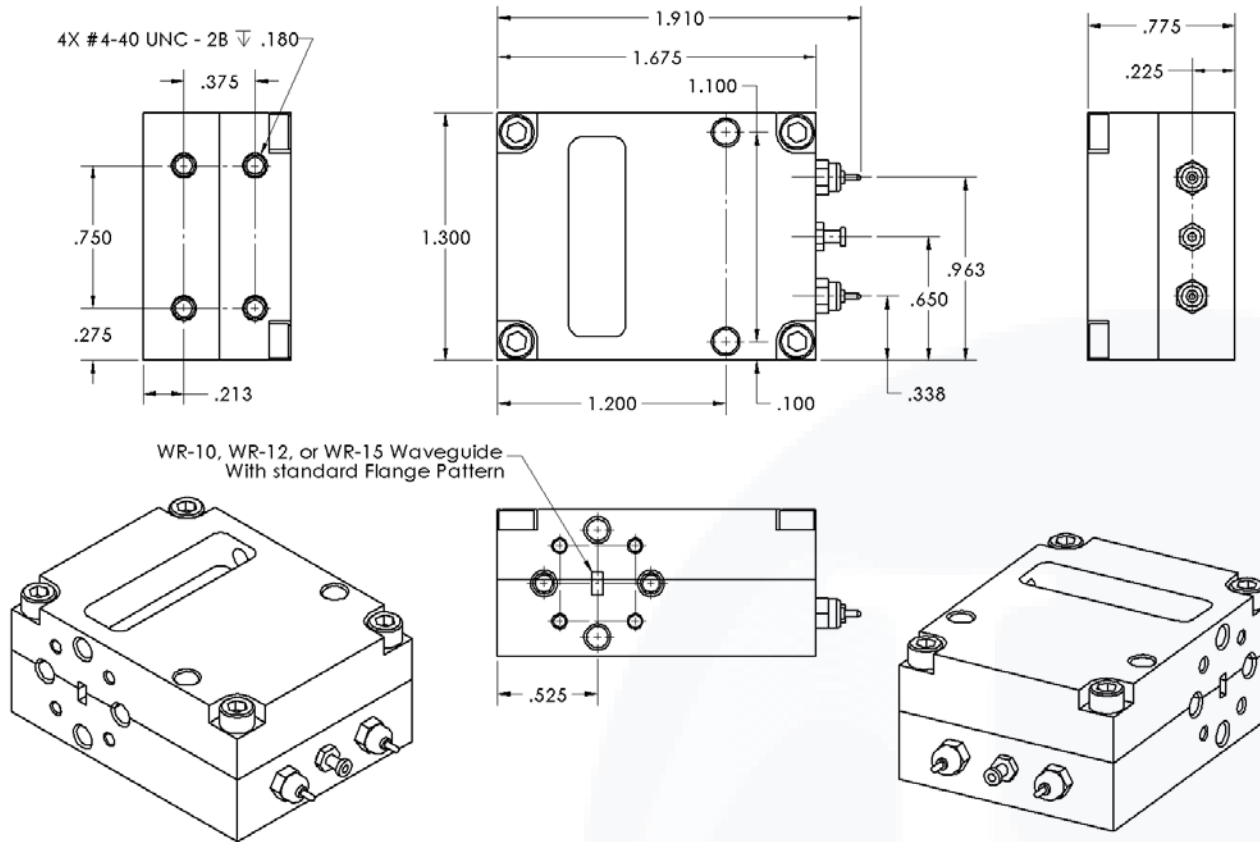
Output Frequency to Gain



Output Frequency to P1dB and Psat



Power Amplifier, WR-12, E-Band | 71 ~ 86 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: <i>JMS</i>	CHECKED BY: <i>TAC</i>
-	RELEASE	05/20	TAC	APPROVED BY: <i>TAC</i>	
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MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HWAMP12-E1011		REV: -