

Part No:

# HWAMP10-W1712



## Power Amplifier, WR-10, W-Band, 75 to 110 GHz

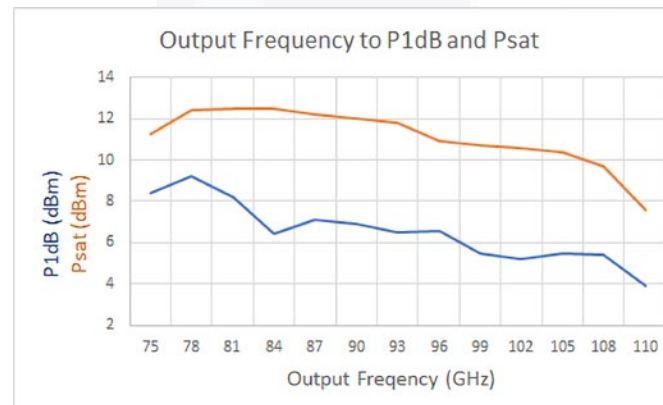
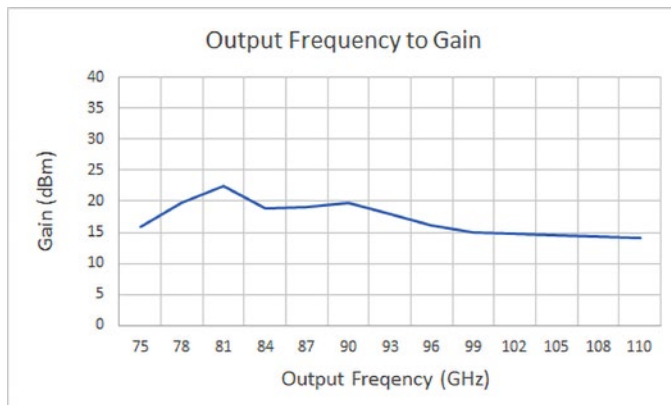
### Electrical

- Output Frequency 75 ~ 110 GHz
- Gain 75-105 GHz: 17dB Typ.
- PSAT 75-105 GHz: +12dBm Typ.  
110 GHz: +8dBm Typ.
- DC +8V @ 300 mA Typ. or +7 to +12V

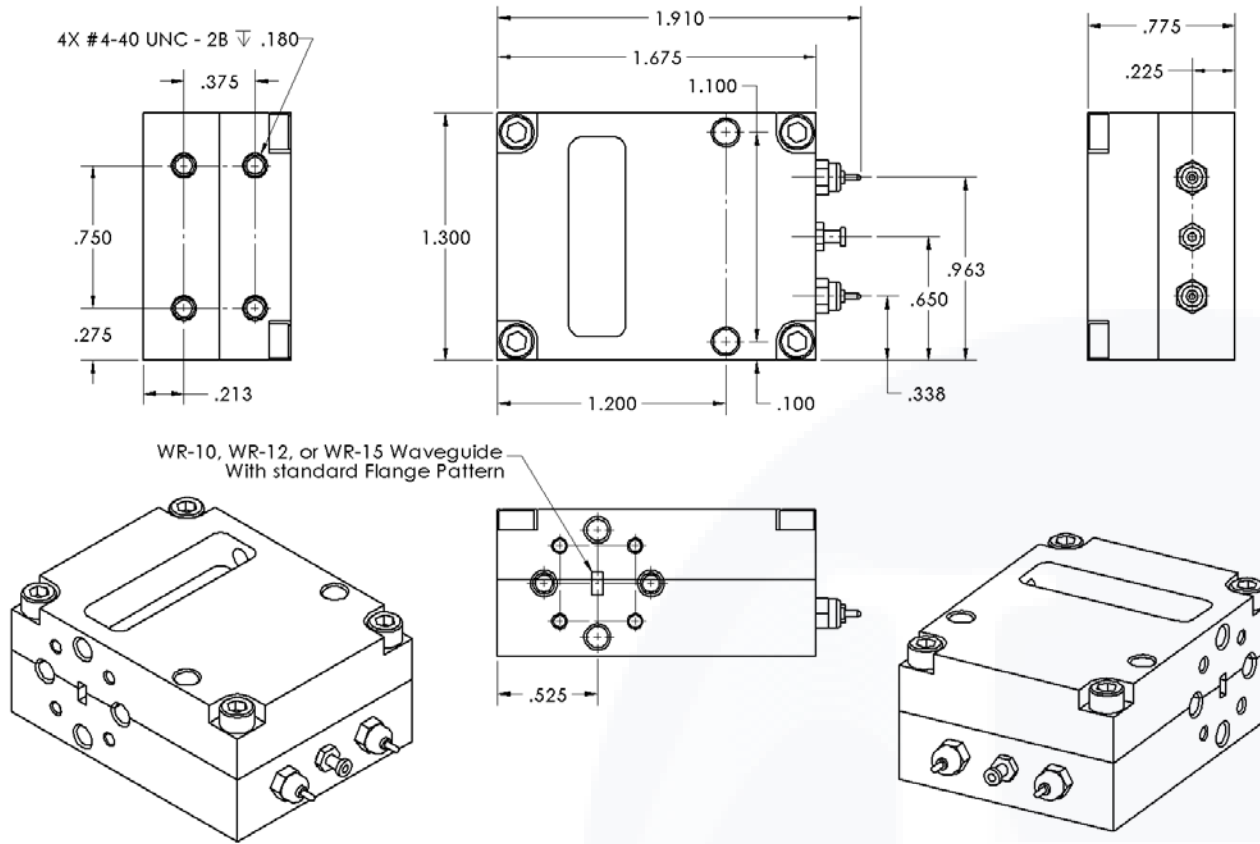
### Material

- Waveguide Gold Plated Aluminum
- Waveguide In/Out WR-10, UG-387/U-M

The HWAMP10-W1712 is a Full W-Band Power Amplifier with a gain of +12 dB from 75-105 GHz. This Power Amplifier operates with 7-12VDC. Internal reverse bias protection ensures reliability. This is an excellent full W-Band Power for transmitters, Up-Converters, Radars, and general lab use.



Power Amplifier, WR-10, W-Band | 75 ~ 110 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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5214 Bonsai Street • Moorpark, CA 93021  
 (888) 498-3242 • sales@hasco-inc.com  
[www.hasco-inc.com](http://www.hasco-inc.com)

MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. <b>HWAMP10-W1712</b>		REV: -