

CHP-10K30M-5353-N is a complete solid state microwave power amplifier module that features high efficiency, high output power and wide dynamic range. It is based on advanced microwave device technology and provides long-term reliability and high ruggedness.

Features:

- 10 KHz-30 MHz ultra-broadband
- Output Psat: 200 W Min
- High efficiency, High reliability and ruggedness
- Built-in protection circuits

Electrical Specifications:


- Frequency: 10 KHz -30 MHz
- Power Gain: 53 dB Min
- Gain Flatness: ±2 dB Max
- Output Psat: 200 W Min
- Harmonics: -20 dBc Max
- Non Harmonics Spurious: -60 dBc Max
- Input Power: +8 dBm Max
- Input Return Loss: 10 dB Min
- Output Return Loss: 10 dB Typ
- AC Voltage: 100V to 240V AC
- Power Consumption 1200 Watt

Environmental Ratings:

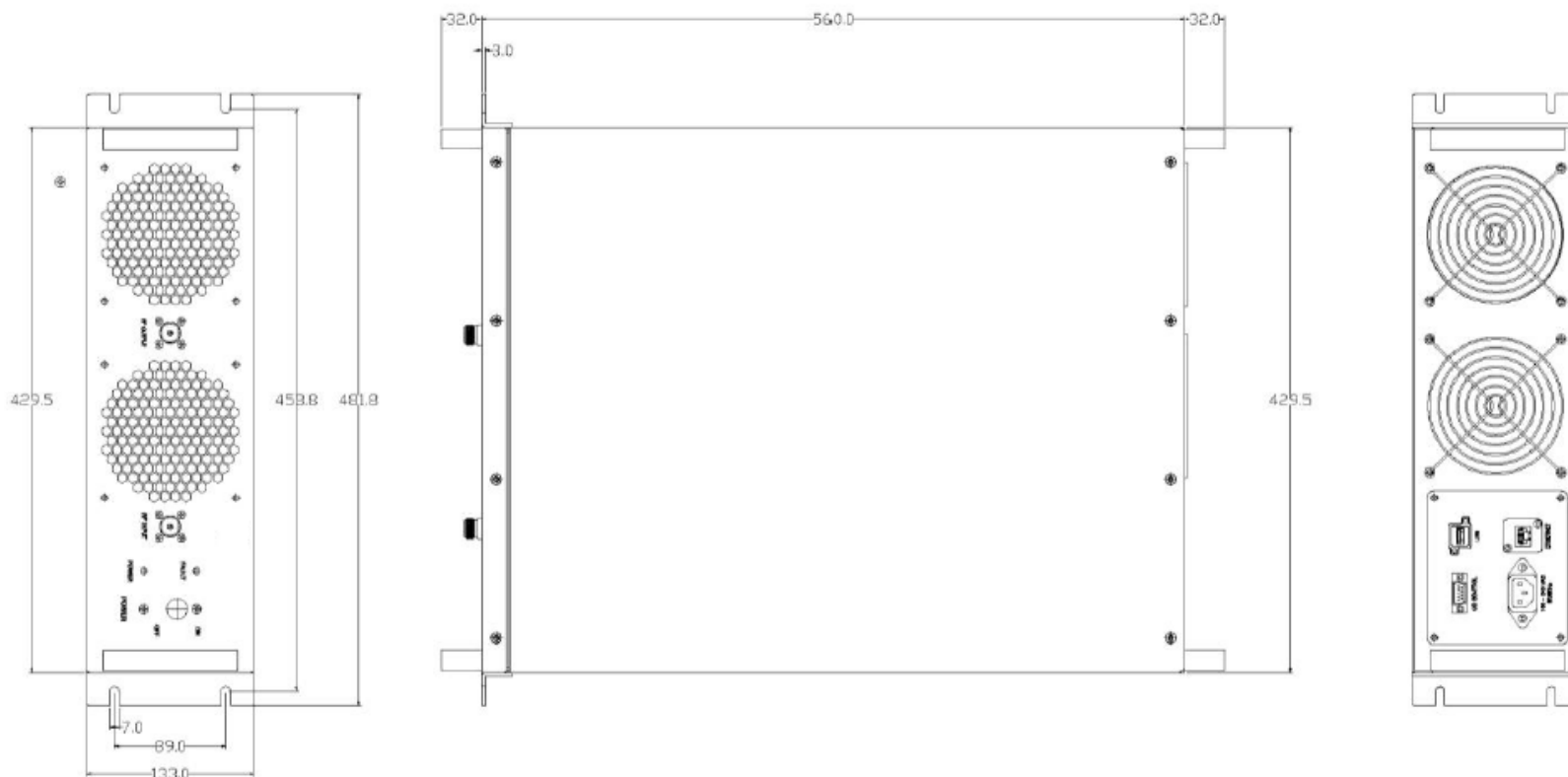
- Temperature: 0°C to +50 °C Operating
-40 °C to +70 °C Non-Operating
- Vibration: MIL-STD-202F, Method 204D Cond. B
- Altitude: MIL-STD-202F, Method 105C Cond. B
- Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

Mechanical Specifications:

Parameter	Specification
Dimensions WxHxD	430 x 560 x 133 mm
RF Connectors In/Out	N-F
Weight	20 kg
Cooling	Built in Fan Cooling

SOLID STATE HIGH POWER AMPLIFIER CHP-10K30M-5353-N			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 14/05/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.			

Mechanical Outline (mm):




Environmental Ratings:

Temperature:	-20°C to +65 °C Operating -40 °C to +70 °C Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

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