

# PKS16217255256

## 161-168 MHz 200 Watt Power Amplifier

### Performance Specifications @25°C

Parameter	Units	Min.	Typ.	Max.
Frequency	MHz	161		168
Gain (@150W)	dB	24	25	
vs. Freq.	±dB		0.2	1
vs. Temp.	±dB		1	
VSWR (In)				2.0:1
DC Volts	V	+48	+50	+52
DC Current	A@150W		7	9

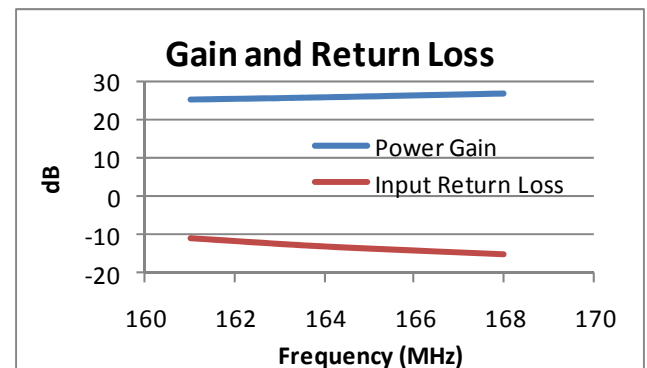
Parameter	Units	Min.	Typ.	Max.
Sat. Power	Watts		250	
P-1dB	Watts	125	150	
Efficiency				
Sat. Power	%		65	
P1dB	%	33	43	
Third Order IM (2x50W)	dBc	30	35	

### Physical

Dimensions	6.0 x 3.25 x 0.96 inches
RF Connectors	SMA(F) In/Out
DC Connector	EMI Solder Feedthrough

### Environmental

Temp. Operating	-40° to +71°C
Temp. Storage	-20° to +85°C
Cooling	Conduction
Mounting	#10 Machine Screws



Creative Amplification Products

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990106-00 Rev. A

Detail Page 1

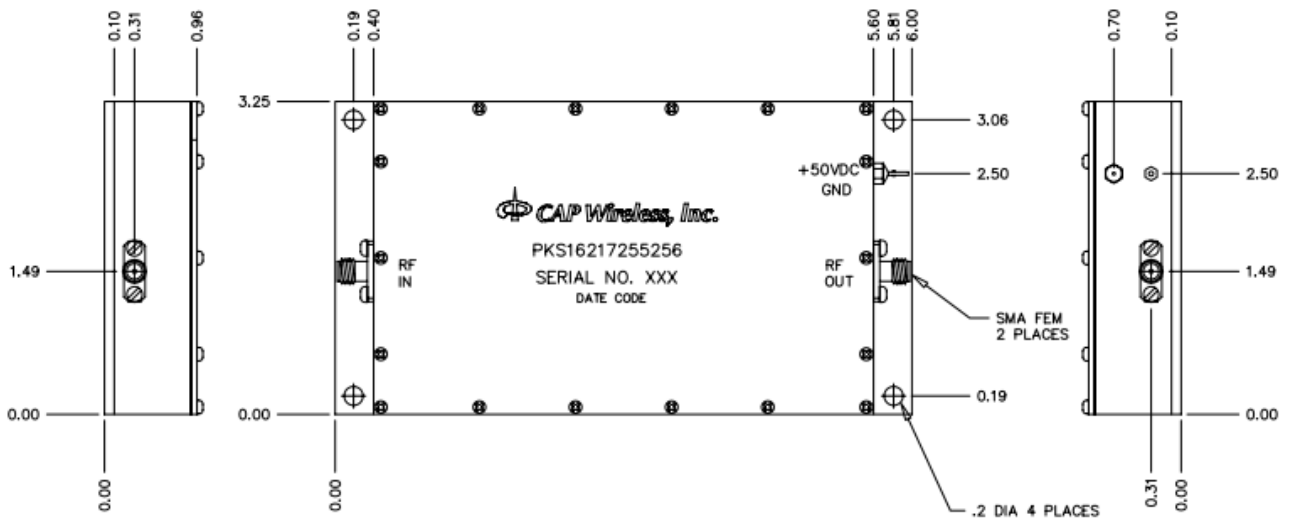
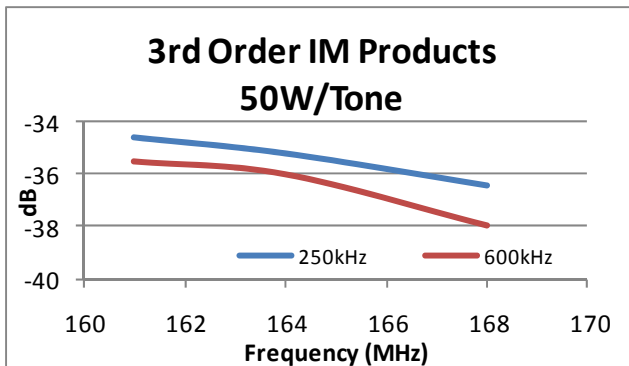
 CAP Wireless, Inc.

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Newbury Park, CA 91320

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### Typical Performance Plots



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