



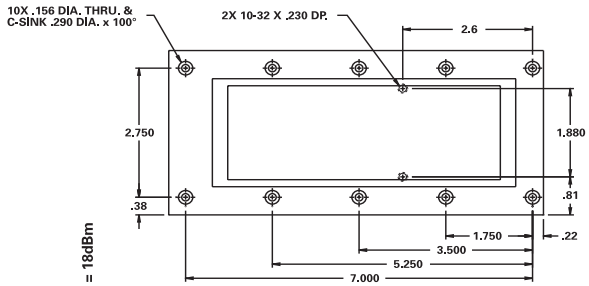
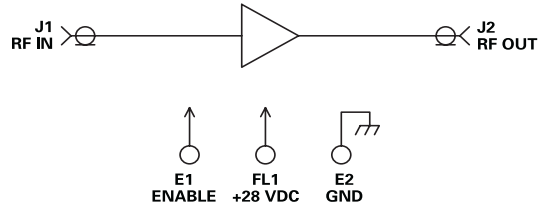
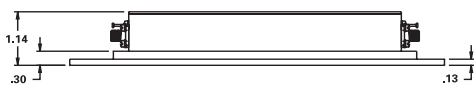
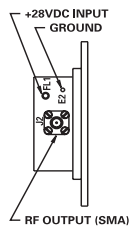
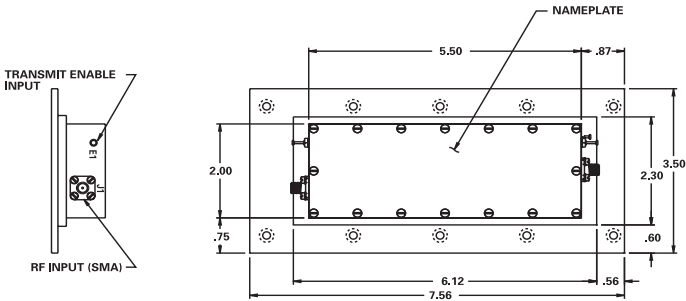
MODEL NUMBER CAMG9127

Power Amplifier

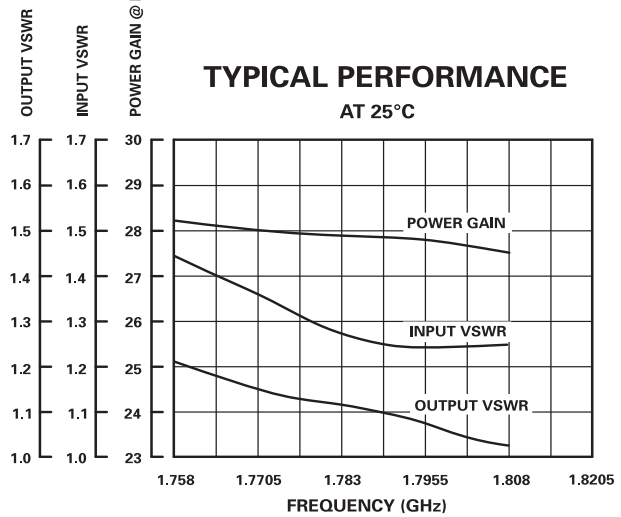
FEATURES

- 1.75-1.808 GHz
- 28 dB Gain
- 25 W Power Output
- CW Power Output Compatible
- SMA Connectors

AMP



TYPICAL PERFORMANCE AT 25°C



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	1750		1808	MHz	
RF Output Power	44	45		dBm	
Power Gain	27	28		dB	All Conditions
RF Input Power (pulse or CW)	17	18	20	dBm	
Impedance		50		OHMS	
I/O VSWR	1.5/1	1.3/1			
Load VSWR			Infinity		No Damage All Phase
Harmonics	45	48		dBc	2nd & 3rd
Spurious	65			dBc	
DC Input	23	28	32	VDC	
DC Current		4.25	4.75	A	
Enable Timing (rise / fall)			40/20	µsec	0 - 0.7V = "Enable" 1.3 - 15V = "Disable"
Operating Temperature	-54	+25	+71	°C	