



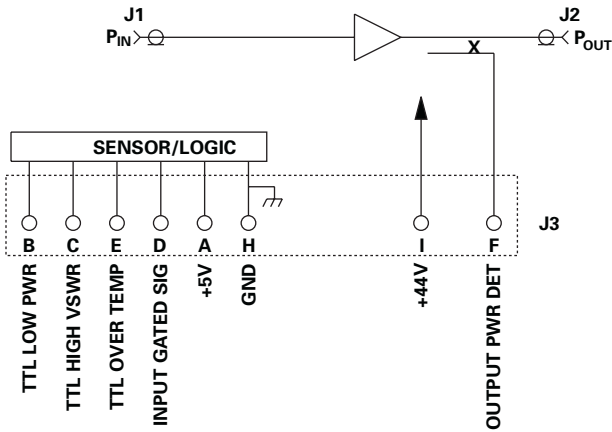
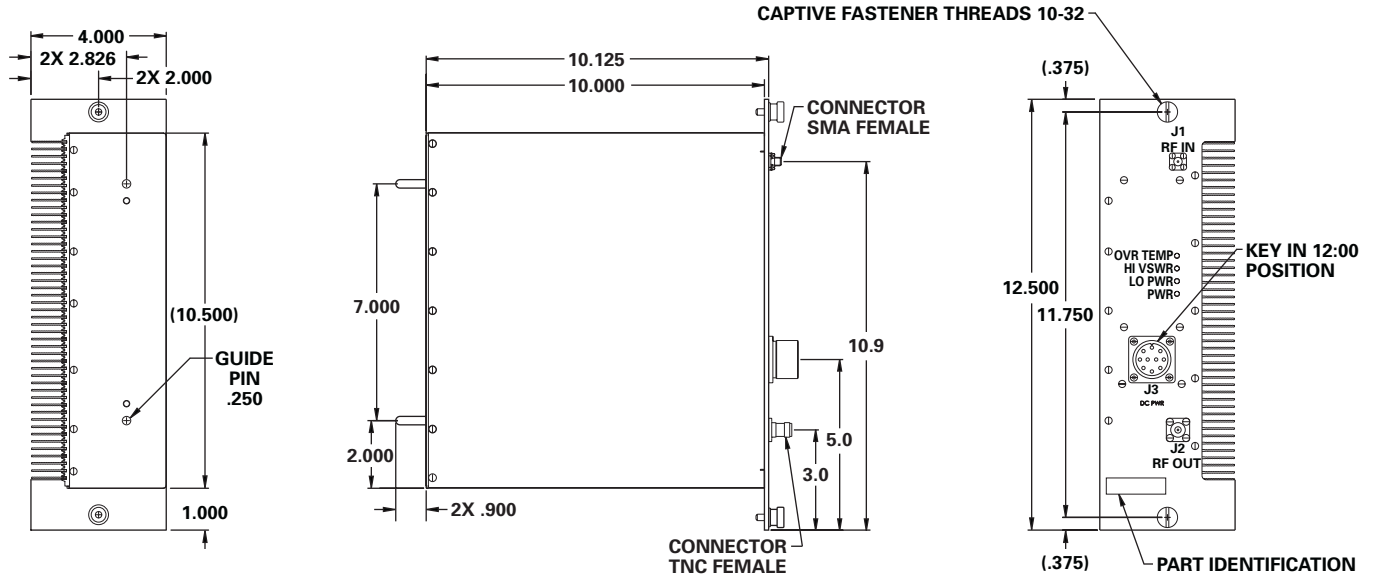
**MODEL NO.  
CAMD9224**

**Driver / HPA**

**FEATURES**

- 1215 - 1400 MHz
- 11.5 dB Gain Typ
- Status Indicators
- Amplitude Tracking  $\pm 0.9$
- Phase Tracking  $\pm 13$

MFD



**DRIVER / HPA PWR CONN PINOUTS**  
P/N AMP 97 3102A-20-16P

A	+5V
B	N/C
C	LOW OUTPUT POWER
D	LATCH INPUT
E	OVER TEMP
F	VSWR FAULT
G	PEAK OUTPUT PWR
H	GROUND
I	+44V

**MATING PLUG CONNECTOR:**  
P/N AMP 97-3106A-20-16S (621)

**GUARANTEED PERFORMANCE**

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	1215	12.5	1400	MHz	
Gain	12		13	dB	
Peak Power Output	61.5	62	62.5	dBm	PRF +304 Hz PW = 320 $\mu$ Sec
RF Power In	Operate	49.45	49.55	dBm	
	No Damage	51.5		dBm	
VSWR	In		1.5/1		
	Out		1.4/1		
Amplitude Tracking			$\pm 0.9$	dB	
Phase Tracking			$\pm 13$	Deg	
Harmonics	II	30		dBc	
	III	35		dBc	
Impedance		50		OHMS	
Transition (Rise/Fall) Time	TBD			nSec	Pulse Shaping
DC Current			16.0	Amp	At +44 VDC
			1.0	Amp	At +5 VDC
Operating Temperature	-20	+25	+55	$^{\circ}$ C	TA