



# MODEL NUMBER CAMH9223

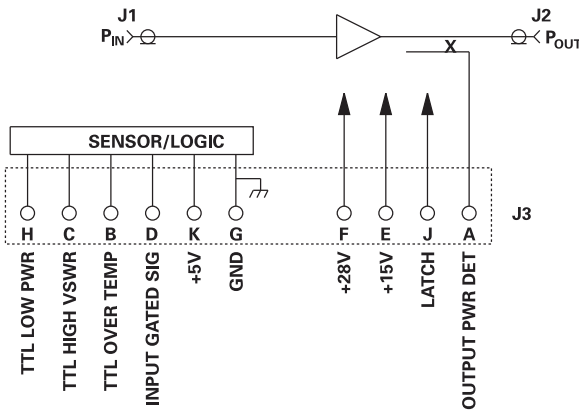
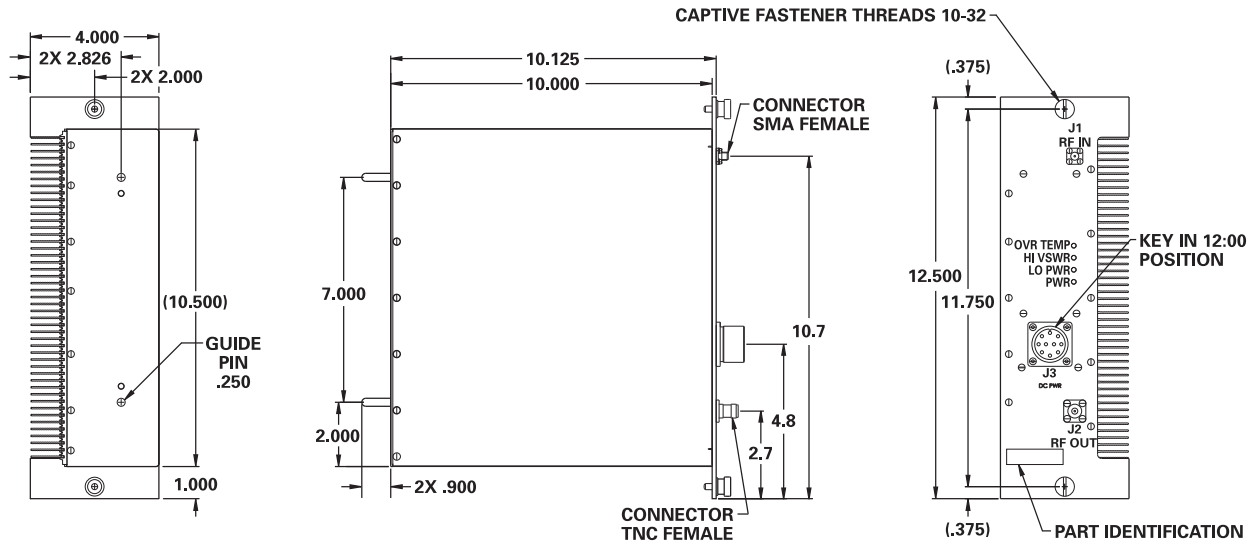
# L-Band Pre-Amplifier

## FEATURES

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

- Fully Protected VSWR  $\infty:1$

**AMP**



PREAMP PWR CONN PINOUTS  
P/N AMP 97 3102A-18-19P

A	PEAK OUTPUT PWR
B	OVER TEMP
C	VSWR FAULT
D	INPUT GATED SIGNAL
E	+15V
F	+28V
G	GROUND
H	LOW OUTPUT PWR
J	LATCH
K	+5V

MATING PLUG CONNECTOR:  
P/N BENDIX ACS06E18-19S(025)

## GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	1215		1400	MHz	
Gain	39	39.5	40	dB	
Peak Power Output	49	49.5	50	dBm	PRF +304 Hz PW = 320 $\mu$ Sec
RF Power In	Operate No Damage	+10 +18		dBm	
VSWR	In Out		1.4/1 1.4/1		
Amplitude Tracking			$\pm 0.9$	dB	
Phase Tracking			$\pm 13$	Deg	
Harmonics	// ///	30 35		dBc dBc	
Impedance		50		OHMS	Input / Output
Transition (Rise/Fall) Time	TBD		1.5		Pulse Shaping
DC Current		1.2 .5 0.2 0.1	1.5 1.2	Amp Amp Amp	At +28 VDC At -15 VDC At +15 VDC At +5 VDC
Operating Temperature	-20	+25	+55	$^{\circ}$ C	TA