

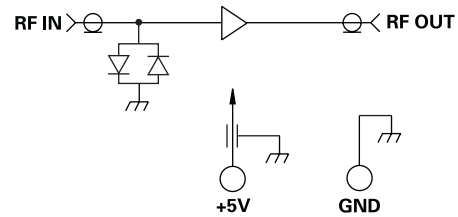
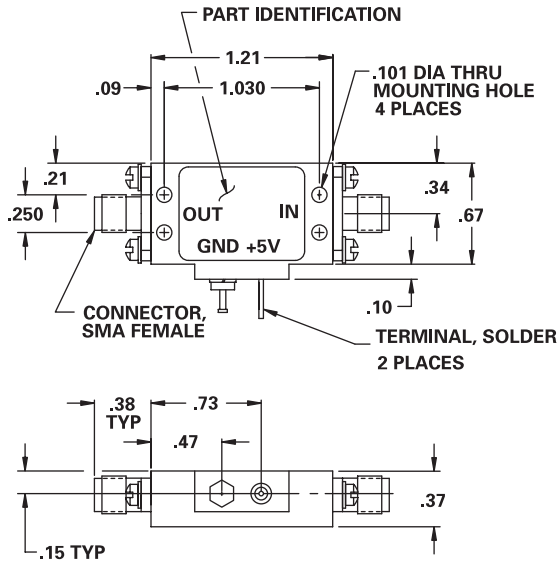
# MODEL NUMBER DAML6284

# Wideband Low Noise Amplifier

## FEATURES

- 0.1-2.1 GHz
- 1.3 dB NF Typ.
- Gain +27 dB Typ.
- Single +5 VDC Supply
- Input Limiter Incl.

## LNA



## GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	0.1		2.1	GHz	
DC Current	100	120	170	mA	At +5 VDC Supply
Gain	25	26.5	29	dB	
Isolation (S12)	42	45		dB	
Noise Figure		1.3	1.65	dB	
Phase Tracking	-10	+/-3	+10	Degree	Unit to Unit (Sets of 2)
Amplitude Tracking	-1	+/-0.3	+1	dB	Unit to Unit (Sets of 2)
VSWR		1.35/1	1.4/1		
Impedance		50		OHMS	
Intercept Points	2nd	+40	+45	dBm	
	3rd	+27	+30	dBm	
RF Power	Output	9	10	dBm	1 dB Compression
	Input	0.75		Watts	No Damage (limiter)
Operating Temperature	-55	+25	+85	°C	TA

