

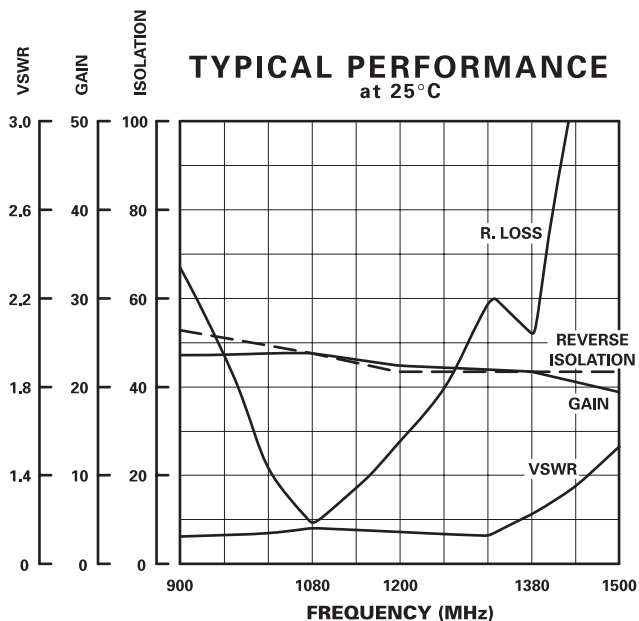
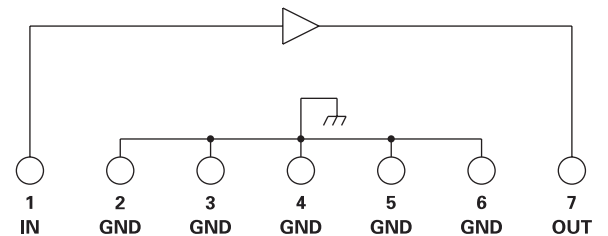
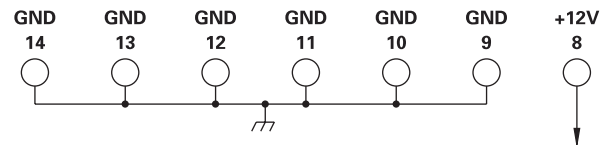
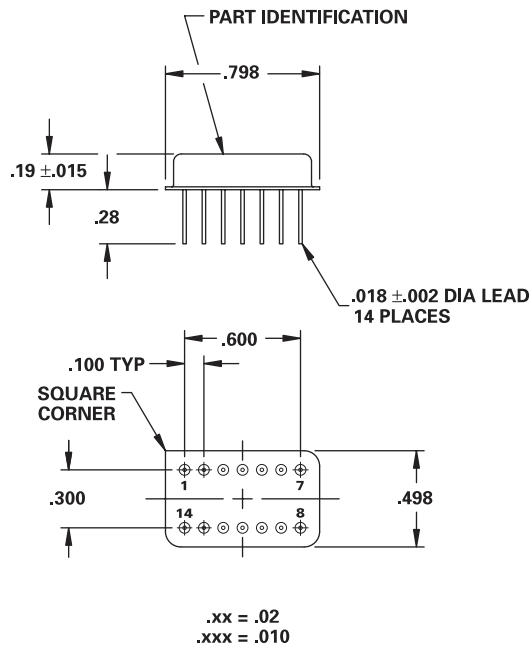
MODEL NUMBER DLA0977

Low Noise Amplifier

FEATURES

- 1000-1100 MHz
- 1.65 dB Noise Figure
- 24 dB Gain
- 45 dB Reverse Isolation
- 0.3° Phase Linearity

LNA



GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	1000		1100	MHz	
DC Current		32	40	mA	At +12 VDC Supply
Gain	22.5	24	25.5	dB	
Noise Figure		1.65	2.5		-55 To +85°C
		1.80	2.7		+85 To +100°C
Reverse Isolation	30	45		dB	
Phase Linearity		0.3	±2.0	DEG	Any 50 MHz Band
VSWR:					
Input		1.53/1	2/1		
Output		1.17/1	2/1		
Impedance		50		OHMS	
Intercept Point					
2nd		+33		dBm	
3rd	+15	+20		dBm	
RF Power					
Operate	+5	+9.7		dBm	1.0 dB Compression
No Damage			+20	dBm	+27 dBm Pulsed
Operating Temperature	-55	+25	+100	°C	TA