₩nextec-rf

NLC00320

824-849 MHz Low Noise Amplifier for Cellular System

General Description

The NLC00320 is a Low Noise Amplifier for Cellular System. It has very reliable characteristics in over all temperature range.

Performance with -40 ~ +70 °C

Parameter	Min.	Тур.	Max.	Units
Frequency	824		849	MHz
Gain at room temperature	26		28	dB
Gain Flatness over all frequency range at room temperature			±0.5	dB
Noise Figure over all temperature range			1.5	dB
1 dB Compression Point at room temperature		25.5		dBm
Output Third Order Intercept Point @ +10 dBm output power /tone, room temperature	37			dBm
Input VSWR			1.5 : 1	
Output VSWR			1.5 : 1	
DC supply voltage (Vcc)		+15		V
Supplied Current			220	mA
Operating Temperature	-40		+70	°C

Customized Designs: For custom designs, including both electrical and mechanical, please contact us at sales@nextec-rf.com.

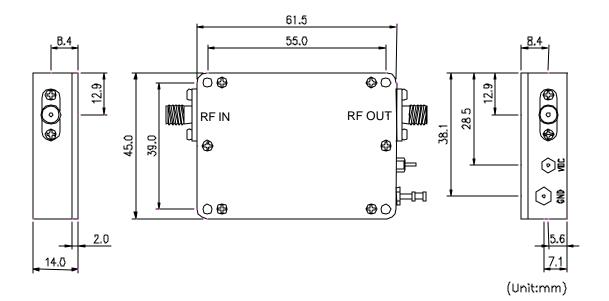
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Outline Drawing



Connector Description

RFin	RF input signal (SMA-F)
RFout	RF output signal (SMA-F)
Vdc	DC Supply Voltage (+15 V)

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