

# Dynamic Engineers Inc.

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LNA2314CQ-100MHz-20GHz-A F€€T P: ËĠ€ÕP: ÁŠ[¸ ÁÞ[ã^ÁŒ; ] |ãã\'ÁT [å '|^Á

#### **Features and Benefits**

Frequency Range: 100MHz-20GHz

Gain: +18dB Min.

Output Power(P1dB): +10dBm Min. Noise Figure: 2.2dB Max.

Operation Temperature: -54°C--+85°C

Size: 22.8x13.7x8.1mm

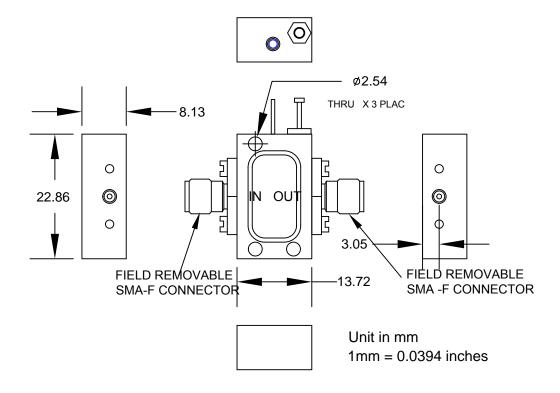
### **Typical Applications**

Wireless Radar Receiver Laboratory Test

## **Mechanical Drawing & Pin Connections**

Drawing No:

MD230011-1



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### **Specifications**

Parameter	Condition	Min.	Typical	Max.	Units
Frequency range		0.1		20	GHz
RF Output Power @ P1dB		+10			dBm
Output IP3			+15		dBm
Input Power				+10	dBm
Gain		18			dB
Gain Flatness				±2	dB
VSWR input and output				2	
Noise figure				2.2	dB
Voltage			+12		V
Current			120		mA
Operation Temperature Range		-54		+85	°C
Storage Temperature Range		-65		+125	°C
RF Connectors			SMA Female		

Note: Specifications @23°C