



Features and Benefits

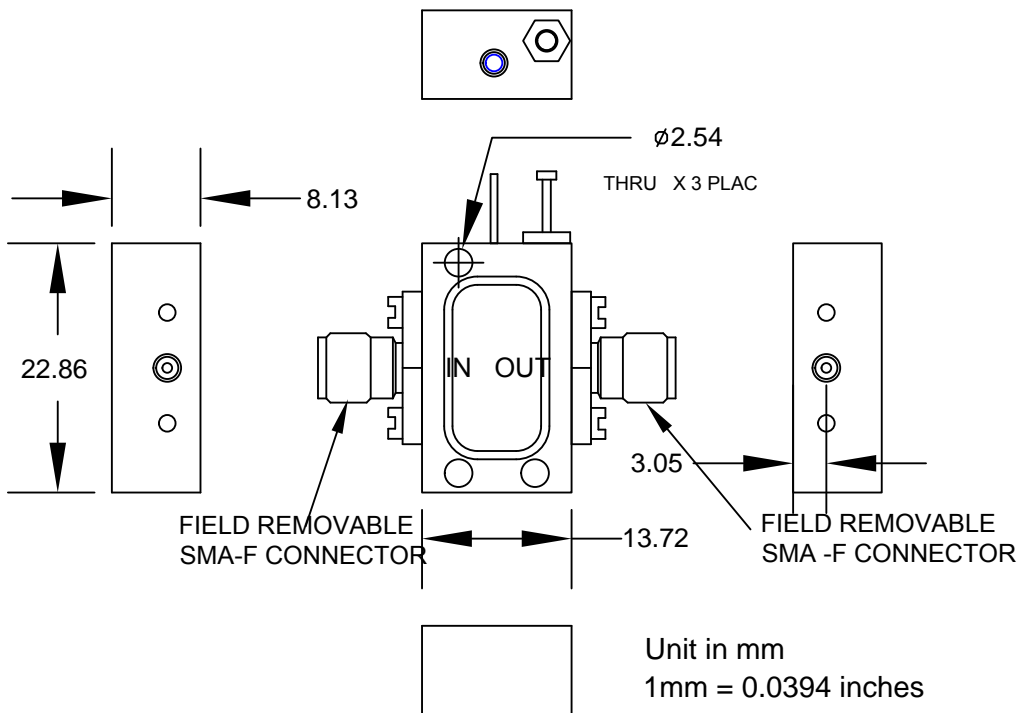
Frequency Range: 100MHz-20GHz
Gain: +18dB Min.
Output Power(P1dB): +10dBm Min.
Noise Figure: 2.2dB Max.
Operation Temperature: -54°C--+85°C
Size: 22.8x13.7x8.1mm

Typical Applications

Wireless
Radar
Receiver
Laboratory Test

Mechanical Drawing & Pin Connections

Drawing No: MD230011-1





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