

TMLA-50006400-4007-70 50-64 GHz, Gain 40dB, P1dB 7dBm, N.F. 7.0dB

FEATURES

- ❖ Wide Band Operation 50-64 GHz
- ❖ Small Signal Gain 40dB Minimum
- ❖ P1dB Output Power +7dBm Minimum
- ❖ Supply Voltage +8Vdc

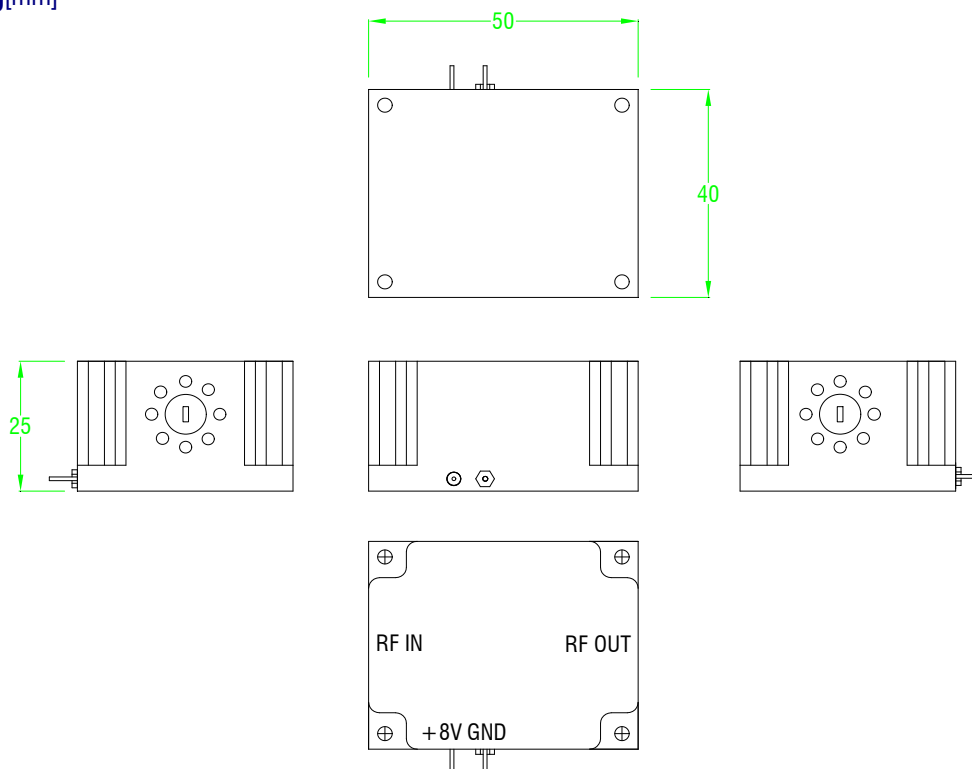
APPLICATIONS

- ❖ Wireless Infrastructure
- ❖ Test and Measurement Instrument
- ❖ Radar and EW Systems
- ❖ Satellite Receiver

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	50	-	64	GHz
Impedance	-	50	-	Ohms
Gain	40	-	-	dB
Gain Flatness	-	-	±3.0	dB
Noise Figure	-	5.5	7.0	dB
Input/Output VSWR	-	2.0	3.5	:1
Output 1dB Compression Point(P1dB)	+7	+10	-	dBm
Supply Voltage	-	+8	-	V
Supply Current	-	-	350	mA
Operating Temperature	-40	-	+70	°C
Storage Temperature	-40	-	+85	°C
Humidity	-	95	-	%
Input/Output Connectors	WR15			
Weight	300g			
Dimensions	50×40×25mm			

Outline Drawing[mm]



Tolerances ±0.1[0.004]