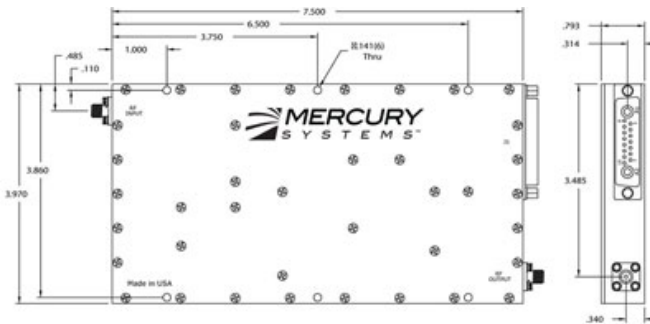


SM07080-47

700 MHz to 800 MHz

POWER AMPLIFIERS



Featured and Options

Options:
TTL on/off

Fan

Heatsink

Features:

Thermal Monitor

Environmental Ratings

	Min	Typ	Max	Unit
Operating Temperature	0		55	°C
Operating Humidity		95%		
Operating Altitude		10000		Ft

Connectivity

RF Input Connector	SMA F
RF Output Connector	SMA F

Specifications

	Min	Typ	Max	Unit
RF Frequency	700		800	MHz
P1dB Power Output	47	47.5		dBm
Linear Gain		55 ±1		dB
Gain Flatness Over Band		±1		dB
Gain Change Over Temp		±1		dB
Third Order Intercept (OIP3)		62		dBm
Input Return Loss			-16	dB
Output Return Loss			-18	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage		12		VDC
Operating Current Draw		15		A

Pin Table

Pin	Value	Description
1		High Speed TDD Switching
2		TTL On/Off
3		Address A1
4		SCL
5		SDA
6		Rev. Detector
7		Forward Detector
8		Ground
9		Ground
10		Ground
11		Ground
12		Ground
13		Ground
14		Ground
15		Ground

Notes

