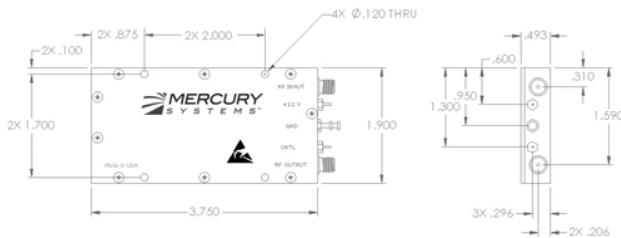


SM4450-36MQ2

4400 MHz to 5000 MHz

POWER AMPLIFIERS



Specifications

	Min	Typ	Max	Unit
RF Frequency	4400		5000	MHz
P1dB Power Output	36	36		dBm
Linear Gain		11 ±1		dB
Gain Flatness Over Band		±2		dB
Gain Change Over Temp		±3		dB
Input Return Loss			-9.5	dB
Spurious Signals			-50	dBc

Featured and Options

Options:

TTL on/off

Features:

Thermal Monitor

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	11.5	12	12.5	VDC
Operating Current Draw		2	2.2	A

Environmental Ratings

Min	Typ	Max	Unit
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Connectivity

RF Input Connector	MMCX
RF Output Connector	MMCX

Pin Table

Pin	Value	Description
RF Input	+26 dBm for drive to P1dB	Input Connector (MMCX)
RF OUTPUT	+ 37 dBm @ P1dB	Output Connector (MMCX)
GND	---	Ground Turret
+12VDC	+ 12 VDC	DC Input Voltage

Notes



MERCURY COMMERCIAL ELECTRONICS

Microwave RF Components | Hudson, NH | (603) 546-4100 | rf.mrcy.com

Specifications subject to change without notice

