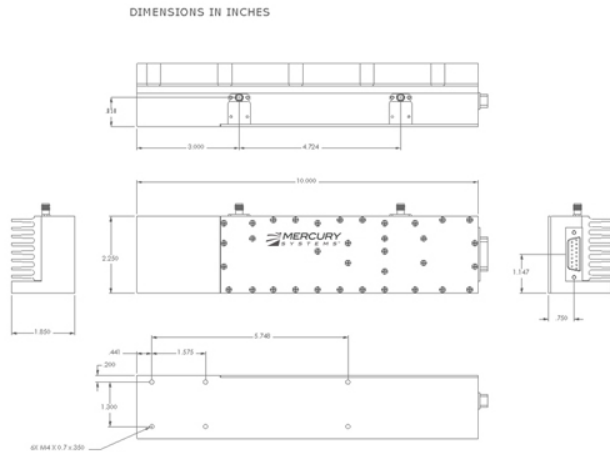


SPEC SHEET

SM1011-43

10700 MHz to 11700 MHz

POWER AMPLIFIERS



Specifications

	Min	Typ	Max	Unit
RF Frequency	10700		11700	MHz
P1dB Power Output		43		dBm
Linear Gain		45 ±2		dB
Gain Flatness Over Band		±0.5		dB
Gain Change Over Temp		±0.6		dB
Third Order Intercept (OIP3)		52		dBm
Input Return Loss			12	dB
Output Return Loss			12	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	-21		-56	VDC
Operating Current Draw		3.2	6.2	A

Featured and Options

Options:
Features:
Over Voltage Protection
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

Pin Table

Pin	Value	Description
RF IN	---	Input Connector (Female SMA)
RF OUT	---	Output Connector (Female SMA)
+12VDC	+ 12 Volts @ 13 Amps (typ.)	DC Input Voltage (15 pin D-Sub Conn.)

Notes



DIMENSIONS IN INCHES

