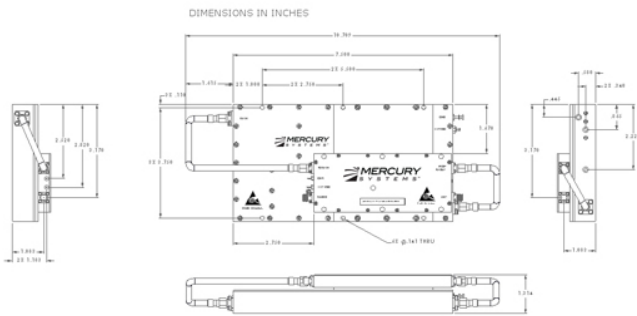


SPEC SHEET

# SMTR2327-44

## 2300 MHz to 2700 MHz

### POWER AMPLIFIERS



### Featured and Options

- Options:  
 TTL on/off  
 Fan  
 Heatsink  
 Features:

### Environmental Ratings

	Min	Typ	Max	Unit
Storage Temperature	-40		85	°C
Operating Temperature	-20		85	°C
Automatic Shut Off Temp		90		°C
Operating Humidity		95%		
Operating Altitude		30000		Ft

### Connectivity

RF Input Connector	SMA F
RF Output Connector	SMA F
Control/Monitoring Connector	Feedthrough Pins

### Specifications

	Min	Typ	Max	Unit
RF Frequency	2300		2700	MHz
Linear Power Output		37		dBm
P1dB Power Output	44.5	45		dBm
PSat Power Output	45			dBm
Linear Gain		30 ±1		dB
Gain Flatness Over Band		±1		dB
Gain Change Over Temp		±1		dB
Third Order Intercept (OIP3)		N/A		
Input Return Loss			-16	dB
Noise Figure			9	dB
Harmonics @ P1dB		-45		dBc
Spurious Signals		-65	-60	dBc

### Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	11	12	13	VDC
Operating Current Draw		9	9.5	A
Quiescent Current Draw		0.3		A

### Pin Table

Pin	Value	Description
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### Notes



DIMENSIONS IN INCHES

