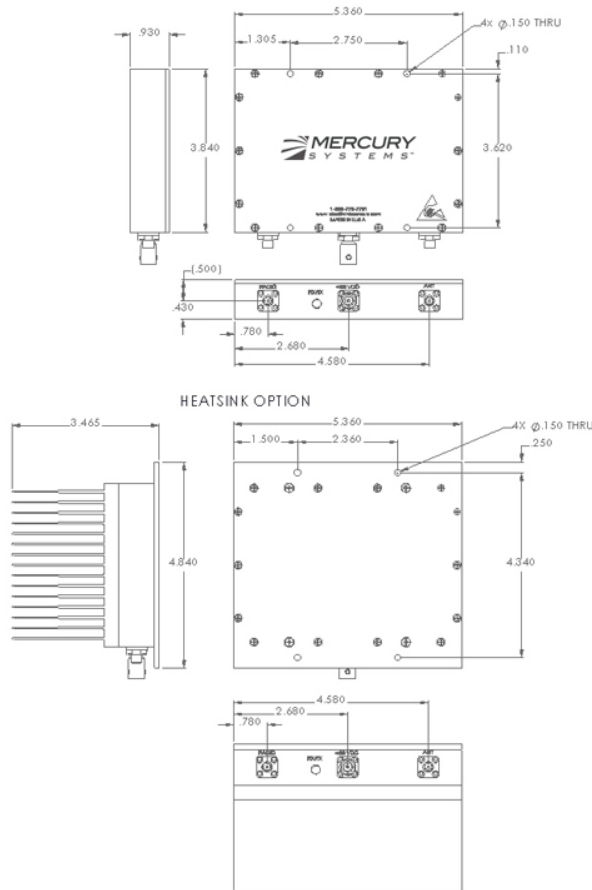


SMTR2425-11G38

2400 MHz to 2500 MHz

POWER AMPLIFIERS



Specifications

	Min	Typ	Max	Unit
RF Frequency	2400		2500	MHz
Linear Power Output		38		dBm
P1dB Power Output	39	40		dBm
Linear Gain		26 ±1		dB
Gain Flatness Over Band		±0.75		dB
Gain Change Over Temp		±1		dB
Third Order Intercept (OIP3)		N/A		
Input Return Loss			-16	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	26	28	30	VDC
Operating Current Draw		2	2.1	A

Pin Table

Pin	Value	Description
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Notes

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



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Specifications subject to change without notice

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