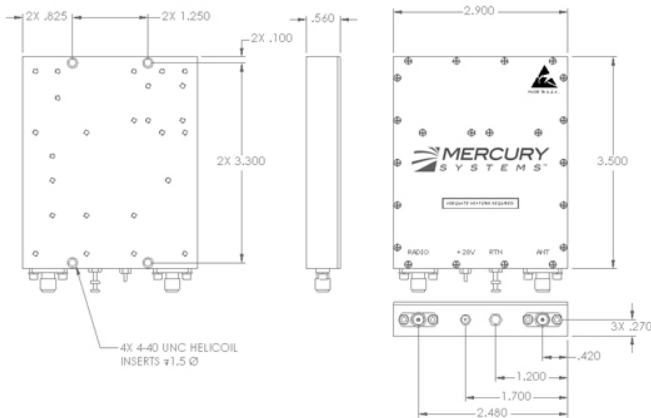


SMTR2425-11B40-2

2400 MHz to 2500 MHz

POWER AMPLIFIERS



Specifications

	Min	Typ	Max	Unit
RF Frequency	2400		2500	MHz
P1dB Power Output	33	40		dBm
Linear Gain		25 ±1		dB
Gain Flatness Over Band		±1		dB
Gain Change Over Temp		±1		dB
Third Order Intercept (OIP3)		N/A		dBm
Input Return Loss			-14	dB
Output Return Loss			-14	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	27	28	29	VDC

Featured and Options

Options:

Features:

Environmental Ratings

	Min	Typ	Max	Unit
Operating Temperature	-20		65	°C

Connectivity

RF Input Connector	SMA F
RF Output Connector	SMA F

Pin Table

Pin	Value	Description
RADIO	+ 15 dBm (typ.)	Input Connector (N Female)
ANT	+40 dBm burst power (802.11b 11Mbps) +33 dBm burst power (802.11g 54Mbps)	Antenna Connector (N Female)
VDC	+28VDC	DC Connector (Filter Feedthru)
GND	---	Ground Lug

Notes



MERCURY COMMERCIAL ELECTRONICS

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 Specifications subject to change without notice

