

SMTR3338-43L

3300 MHz to 3800 MHz

POWER AMPLIFIERS

Featured and Options Specifications

Options:

Features:

Environmental Ratings

	Min	Typ	Max	Unit
Operating Temperature	-10	70		°C

Connectivity

RF Input Connector	SMA F
RF Output Connector	SMA F

	Min	Typ	Max	Unit
RF Frequency	3300		3800	MHz
P1dB Power Output	36	43		dBm
Linear Gain		37 ±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			-18	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage	10	12	13	VDC
Operating Current Draw		4.5		A

Pin Table

Pin	Value	Description
RADIO	+ 10 dBm (typical, adjustable per customer requirement)	Input Connector (SMA-F)
ANT	+36 dBm burst power (802.16e)	Antenna Connector (SMA-F)
#NAME?	+12V	Supply Voltage
GND	---	Ground

Notes



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Specifications subject to change without notice