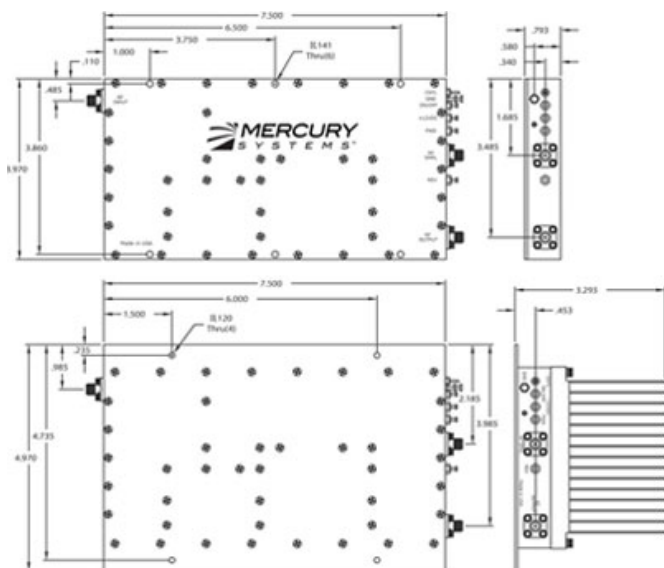


POWER AMPLIFIERS



	Min	Typ	Max	Unit
RF Frequency	6400		7100	MHz
Linear Power Output		37		dBm
P1dB Power Output	43	43.5		dBm
Linear Gain		55 ±1		dB
Gain Flatness Over Band		±1.5		dB
Gain Change Over Temp		±1		dB
Third Order Intercept (OIP3)		55		
Input Return Loss			-16	dB

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

Pin	Value	Description
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Featured and Options

Forward Power Detection

	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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