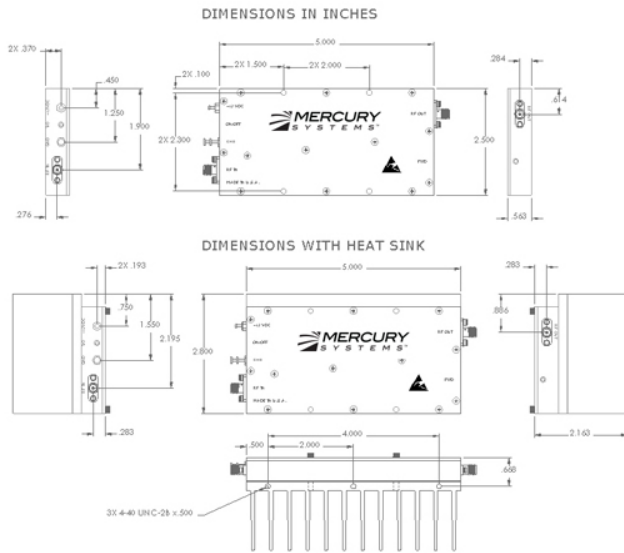


SM06927-36H

690 MHz to 2700 MHz

POWER AMPLIFIERS



Featured and Options

Options:
TTL on/off
Fan
Heatsink
Features:

Environmental Ratings

	Min	Typ	Max	Unit
Operating Temperature	0		55	°C
Automatic Shut Off Temp		75		°C

Connectivity

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

Specifications

	Min	Typ	Max	Unit
RF Frequency	690		2700	MHz
P1dB Power Output	36	37		dBm
Linear Gain		34 ±1		dB
Third Order Intercept (OIP3)		50		dBm
Input Return Loss			-16	dB

Operating Characteristics

	Min	Typ	Max	Unit
Supply Voltage		12		VDC
Operating Current Draw		2		A

Pin Table

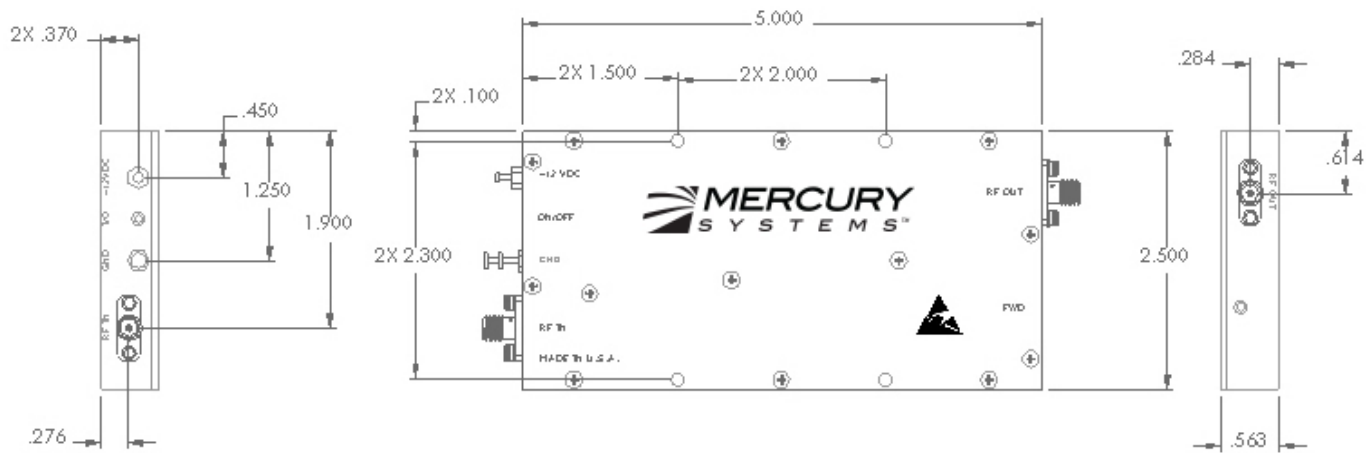
Pin	Value	Description
RF IN	+3 dBm, typical	Input Connector (SMA Female)
RF OUT	+36 dBm @P1dB	Output Connector (SMA Female)
GND		Ground Turret
+12VDC	+12 Volts@ 2 Amperes (typ)	DC Input Voltage
On/Off	0 Volts = off, +5 Volts = On	TTL Logic On/Off

Notes



MERCURY COMMERCIAL ELECTRONICS

DIMENSIONS IN INCHES



DIMENSIONS WITH HEAT SINK

