

Low Noise Amplifier

50 Ohm 1900-2700 MHz

SLA-19027

Features

- : Very low noise, 0.8 dB typ.
- : Medium IP3, 33.0 dBm typ.
- : Rugged shielded case
- : Low cost
- : Gold/Clear Alodine Finish per MIL-C-5541
- : Input Voltage 7-15Vdc



Case Style A101

Connector	Model	Price
SMA	SPA-274	\$74.00

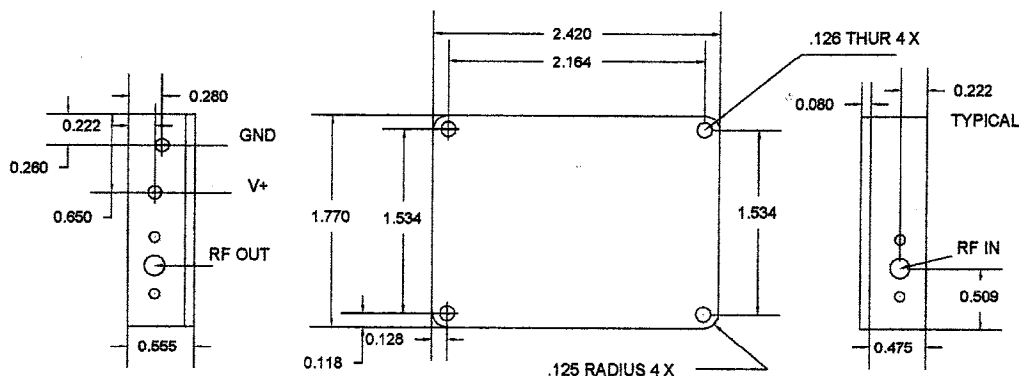
Electrical Specifications at Ambient (25 °C)

Model No.	Frequency (MHz)		Noise Figure (dB)	Gain (dB)	Output Power (dBm)	Intercept Point (dBm)	VSWR (:1)		DC Power	
	F _{Low}	F _{High}	Typ	Typ	Output (1db comp.) Typ.	IP3 Typ	In	Out	Volt (V) Nom.	Current (mA) Max
SPA-274	1900	2700	0.8	14.0	21.0	33.0	1.4	1.6	15	110

Maximum Ratings

Operating Temperature	-40°C - +65°C
Storage Temperature	-50°C - +100°C
DC voltage	+18 VDC
Input Power (no damage)	+12 dBm

Outline Drawing (inches)



Typical Performance Data / Curves

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Frequency (MHz)	Gain (dB)	VSWR I/P (:1)	VSWR O/P (:1)	NF (dB)	P1dB (dBm)
1900	16.1	1.25	1.54	0.8	21.0
2100	15.1	1.09	1.37	0.8	20.9
2300	13.5	1.31	1.51	0.7	20.8
2500	12.4	1.51	1.77	0.8	20.4
2700	12.1	1.58	1.88	0.8	21.0

