

Plug-In Amplifier

10 to 2500 MHz

NEW!
AMP-25G

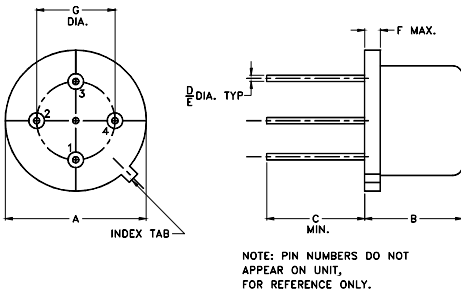
Maximum Ratings

Operating Temperature	-54°C to 85°C
Storage Temperature	-55°C to 100°C

Pin Connections

RF IN	2
RF OUT	4
DC	1
CASE GND	3

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F	G	wt.
.50	.21	.15	.016	.020	.04	.300	grams
12.70	5.33	3.81	.41	.51	1.02	7.62	1.5

Features

- wide band, 10 to 2500 MHz
- general purpose gain block
- +15V at 35mA typical

Applications

- military and high reliability
- small signal amplifier
- buffer amplifier



CASE STYLE: PP120
PRICE: \$73.95 ea. QTY (1-9)

Electrical Specifications

MODEL NO.	FREQ. (MHz)	NF (dB)	GAIN (dB)		MAXIMUM POWER (dBm)		INTERCEPT POINT (dBm)	VSWR (:1) Typ.		DC POWER	
			Min.	Max.	Output (1 dB Comp.) Typ.	Input (no damage)		In	Out	Volt (V)	Current (mA)
AMP-25G	10-800	3.0	18	±0.85 ±1.4	12.2	+13	26	1.4	1.2	15	55
	800-1600	3.0	15	±1.2 ±1.6	12.5	+13	28	1.6	1.2	15	55
	1600-2500	4.5	15	±0.4 ±1.0	10.0	+13	22	1.8	1.3	15	55

m = mid range $[2 f_L \text{ to } f_U/2]$

