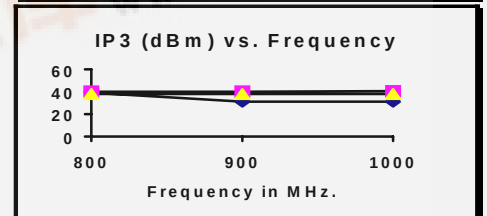
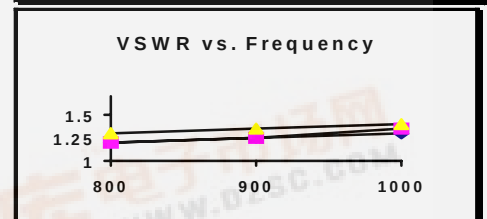
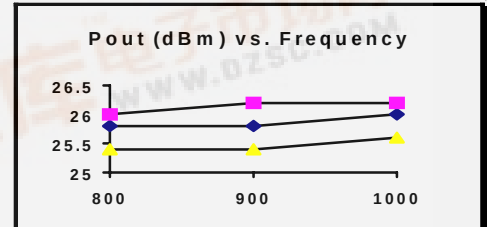
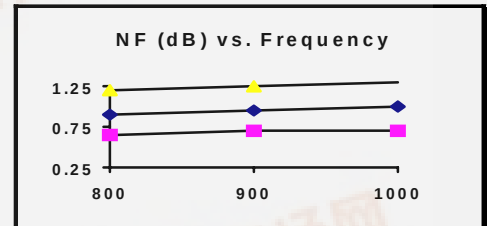
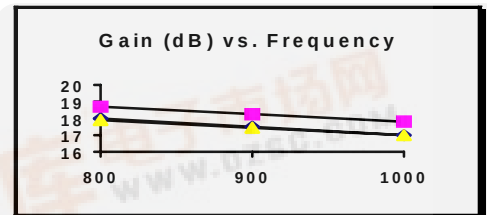


PA1220**800-1000 MHz.****Low Noise High Dynamic Range Linear Amplifier****PRELIMINARY****tyco****Electronics****M/A-COM****Features (typical values)****Low Cost Ceramic Surface Mount Package****NF 0.9 dB.****Pout +26 dBm****IP3 +40dBm****Typical Performance**

--◆-- 25°C --■-- -40°C --▲-- +70°C

Parameter	Typical Value	Min. Value	Max. Value	Units
Frequency	-	800	1000	MHz
Gain	18.0	16.0	-	dB
Gain Flatness	+/- 0.5	-	+/- 0.6	dB
Reverse Isolation	-23.0	-	-	dB
Pout @ 1dB, comp.	26	24	-	dBm
Noise Figure	0.9	-	1.4	dB
VSWR (Input/Output)	1.3/1.5:1	-	1.5/1.8:1	Ratio
IP3	40	37	-	dBm
Supply Required	+12V/160	-	+12V/180	v./mA.

IP3 measured with 2 tones @+10 dB @ 1 Mhz apart
 Min and max values from -40 to +85 degrees C

**Maximum Ratings**

Storage Temperature -65°C to +150°C

DC Voltage +15 volts

RF Input Power +23 dBm.

Heat Spreader Temperature +100°C

Outline Drawings**SEE ATTACHED DRAWING**

