

The PE15A5O4O is a 6 Wtypical high gaj ower coaxial amplifer ope ndahigh 30 dB typical s amplifer offers 6 Watts typ of P1dB max. The amplifer requires typical DCpower supply. The conn operates over the temperature ray

Features

- 800 to 960 MHz Frequency R₂ and Output Matche ly Stable
- Psat 6 Watts typ
- Small Signal Gain: 30 d
- Gain Flatness ± 1.25 d B

Applications

- Military Radio
- Communication S

Electrical Sp(ez = 1, 800 mA)

Description	Minimum	Typical	Maximum	Units
Frequency Range	800		960	MH z
Small Signal Gain			3 3	d B
Gain Flatness			± 1 , 2 5	d B
Gain Yariation at OTR*			2	d B
Dutput Power at 1 d B Com				d B m
Dytput 3rd Intercept P				d B m
Reverselsolation		5.5		d B
		3	4	d B
			- 60	dВс
		1.5:1	1 . 8 : 1	
		1.5:1	1 . 8 : 1	
	11 . 5	1 2	1 3	Volts
		1,800	2,100	m A
Operating Temperatur	e Rang-e49		+ 6 5	° C

ling Temperature Range

Qick the following link (or enterpart number in "SEARCH" on we bsi inventory and 6 & Wattit fPc1 adtBi, o8nOsO MHz to 960 MHz, High Power Amplifer S MAPE15A5040





Absolute Maximum Rating

Parameter	Rating	Units
Source Voltage	+13	Volts
RF input Power	+15	dBm
Maximum Load VSWR	3	Volts
Storage Temperature	-55 to +125	°C
Operating Temperature	-45 to +65	

ESD Sensitive Material, Transport material in Approved ESD bags. dle only in approved SD Workstation.

O EX EDGOH EVENTE

Size

Length Width Height Input Connect

Output Conne

Environme

Temperature

40 t o + 65 d p g C Opera

Compliance Cert(ivfisatiwøvfissternack.comforcurrent document)

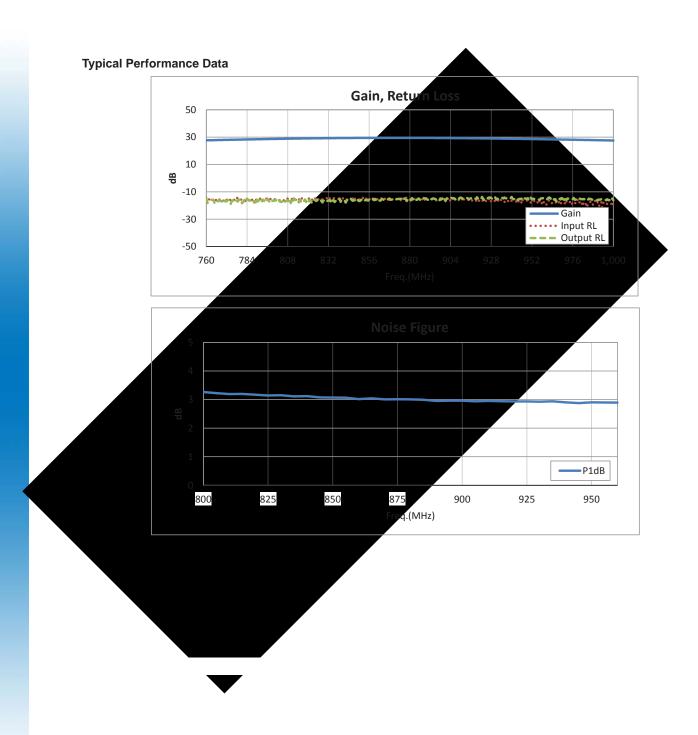
- Transport material in Approved ESDbags roper Speration, Unit is cooled by condu



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 $6\ WattP1dB$, $800\ MHz$ to $960\ MHz$, Hi gh Poxer Amplifer , $30\ dB$ Gain , $50\ dB$ has same day shipment for domestic and International orders. Our R 99% availability and are part of the broadest selection in the industry

dick the following link (or ent n "SEARCH" on website inventory and 6 eWatit fPd adtBi, o8nOsO: MHz to 960 MHz, High Power Amplifer, 30 PE15A5040

URL: http://www.pasternack.com/960-mhz-high-power-amplifer-30-

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PE15A5040 CAD Drawing

6 Watt P1dB, 800 MHz to 960 MHz, High Power Ampli 30 dB Gain, 50 dBml P3, 3 dB NF, SMA

