

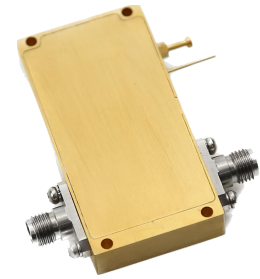
17-43GHz 0.3W Power Amplifier

P/N: MZPA1743GB0.3W



Description:

The power amplifier is a 0.3W power amplifier with a typical small signal gain of 18 dB across the frequency range of 17 to 43 GHz. The typical output power P-1 24dBm. The DC power requirement for the amplifier is +12 VDC/0.6 A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		17-43		GHz
Gain	18			dB
Gain Flatness		±2.5		dB
Input VSWR		2.0		-
Output VSWR		2.0		-
Output Power for (P1dB)	23	24		dBm
Output Power Psat		25		dBm
Spurious		-60		dBc
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+12V)(@Pout=25dBm)		0.5	0.6	A
Impedance		50		Ω
Input/Output Connector		2.92mm-Female/2.92mm-Female		
Material		Aluminium/Conductive oxide		
Weight		50g		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



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