



Eyal MAG Ltd.

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S Band Power Amplifier

Model: PA-4073-02

Eyal P/N: 9820407302

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SPCIFICATION

SPECIFICATION	Min	Typ	Max	
FREQ.RANGE	2000		2300	MHz
Output Power @ P1dB	43			dBm
Pin		6	10	dBm
Gain Flatness			±1.0	dB
Gain Vs. Temperature			±1.0	dB
V.S.W.R in		1.5:1		
V.S.W.R out		2.0:1		
Impedance I/O		50Ω		
3 rd IP		+52		dBm
Harmonics			-30	dBc @ 1dB G.C.P
Spurious Signal			-60	dBc
Supply Voltage	24	28	30	Volt DC
Supply Current			2.5	A @ 28 VDC
High / Low select	33		43	dBm
TTL control	"1"		"0"	
On / Off select	ON		OFF	
TTL control	"0"		"1"	
Package				See attached SK-6052
Operating Temp Range	-40°C		+70°C	Base plate
Storage Temperature	-50°C		+80°C	

Protections

Load V.S.W.R	30:1 No Damage	
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Environmental Design to meet

Humidity	95%	RH
Altitude	30000	feet
Shock	Half Sin. 15g/11mSec	
Vibration	10÷1000Hz 0.02g ² /Hz 1000÷2000Hz -6db/oct	@ 3 Axes X;Y;Z