

JS

Microwave

Technology & Solution

JSH020080G5053R

2-8 GHz

200W

SOLID STATE HIGH POWER AMPLIFIER

RACKMOUNT

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics

ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	2		8	GHz
Power Gain	50			dB
Gain Flatness		±3		dB
Output Power(Psat)	200			Watt
Spurious		-60		dBc
Harmonics		-15		dBc
VSWR				Ratio
Input Voltage		220V AC		
Human-computer Interface	touch screen LCD:FWD Power,Temperature,Voltage,Current			
Program Control Interface	RS232 and Ethernet			

Note:1.Over REV VSWR Protection; Over Current Protection;Over temperature protection.
2.FWD/REV Detection;TCP / IP Communication;Air forced cool.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power				dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-40		+85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	19" 4U	Typ	Milimeter
Weight	25	Typ	Kg
RF Connectors Input	SMA-F		
RF Connectors output	N-F		
Impedance	50		ohms

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