



JA00010030P40; 1.5 MHz – 30 MHz 10W Amplifier

- Solid-state Class AB design
- MOS Transistors
- High reliability and ruggedness
- Ultra Small Dimensions & Ultra Light Weight
- Forward/Reflected Power Monitorings
- Temperature and Current Monitorings
- Enable Control



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1.5-30 MHz
Output Power:	10 W CW
Nominal Gain:	40 dB
Gain Flatness:	± 2 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1 for 1 min.
DC Supply Voltage:	28 V
DC Current:	1.2 A Avg
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F/G
Vibration:	MIL-STD-810F/G

INTERFACES

RF Input:	SMA Female
RF Output:	SMA Female
9-PIN DSUB:	1) 28 V
	2) 28 V
	3) Temperature
	4) Current
	5) Enable (Active Low)
	6) GND
	7) GND
	8) Reverse Power
	9) Forward Power

MECHANICAL SPECIFICATIONS

Size (mm) :	90 x 80 x 22
(inch) :	3.55 x 3.15 x 0.87
Weight :	200 gr.
Plating :	Yellow Chromate

