



IAFTCP66; 1030 MHz – 1090 MHz 4 KW AMPLIFIER

- Solid-state
- High reliability and ruggedness
- Fast Switching Capability

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1030-1090 MHz
Output Power:	4000 W %6 100 μs
Nominal Gain:	65 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1
DC Supply Voltage:	50 V & 5.5 V
Efficiency:	% 45
Enable Speed:	1 μs max.
Pulse Droop :	0.5 dB
Rise / Fall Time	50 nsec max.
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 (F)
RF Output:	N (F)
<u>37 Pin Micro-D :</u>	
6,7,8,9,24,25,26,27,28	GND
1,2,3,4,5,20,21,22,23	50V
10,11,12,13,14,15,16,17,18,29, 30,31,32,33,34,35	NC NC
36,37	5.5V
19	Enable

MECHANICAL SPECIFICATIONS

Size (mm) : 290 x 188 x 34
Plating : Yellow Chromate

