



IAFTCP60N4; 1.03-1.09 GHz 4 Channel x 750W AMPLIFIER

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



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1030-1090 MHz
Output Power:	4 x 750 W %2 100 μs
Nominal Gain:	60 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞ : 1
DC Supply Voltage:	50 V & 5.5 V
Efficiency:	% 33
Enable Speed:	1 μs max.
Pulse Droop :	0.5 dB @ 32 μs PW
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 Female
RF Output: SMA Female

37 Pin Micro-D :

1,6,13,14,15,21,24,26,31,32,33	GND
17,18,19,35,36,37	50V
2,4,7,12,16,22,34	NC
25	5.5V
5	Enable Channel-1
3	Enable Channel-2
20	Enable Channel-3
23	Enable Channel-4
27	Temp. Channel-1
28	Temp. Channel-2
29	Temp. Channel-3
30	Temp. Channel-4
8	VSWR Channel-1
9	VSWR Channel-2
10	VSWR Channel-3
11	VSWR Channel-4

MECHANICAL SPECIFICATIONS

Size (mm) : 280 x 185 x 22
Weight : 2400 gr.

Typical Input-Output Power Characteristic

