



IAIFTCP60; 1030 MHz – 1120 MHz 1 KW AMPLIFIER

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



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1030-1120 MHz
Output Power:	800 W min 1000 W typ.
	%6 100 μ s
Nominal Gain:	60 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞ :1
DC Supply Voltage:	50 V & 5.5 V
Efficiency:	% 45
Enable Speed:	1 μ s 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

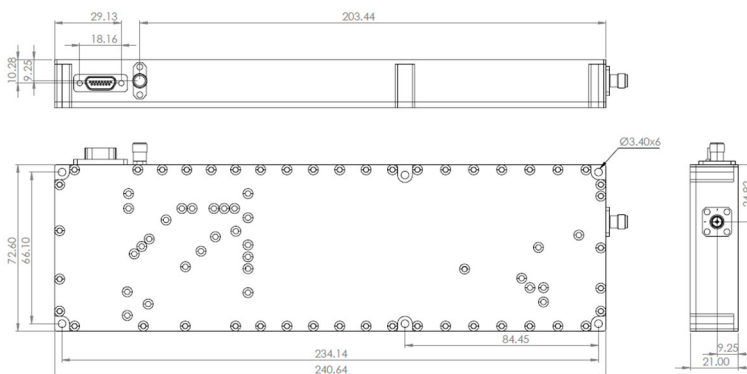
RF Input: SMA Female
RF Output: SMA / TNC Female

15 Pin Micro-D :

1	Power Alarm
2,7,13	NC
3	VSWR
4	5.5V
5,6,11,12	GND
8,14,15	50V
9	Temp
10	Enable

MECHANICAL SPECIFICATIONS

Size (mm) : 240.6 x 72.6 x 21



Typical Input-Output Power Characteristic

