

Description:

The PS1801A is a flat pack high voltage power supply with anode current monitor designed for operation with second generation image intensifiers.

Specifications

Electrical: data @23°C and V-in = 12VDC

description	Minimal	Typical	Maximal	Unit
Input Voltage	11	12	13	+VDC (1)
Input current	-	-	100	mA (2)
MCP-in Voltage	-	0	-	VDC (Gnd)
MCP-out Voltage	0	825	1300	VDC
MCP-Load	10	-	-	MΩ
EGAC Voltage	0	-	10	VDC (1)
Anode voltage	5000	-	5500	+VDC wrt MCP-out
Anode current	0	-	10	uA, drop 650V max

Environmental

Operating temperature range: 0°C.....50°C

Note: 1. No reverse polarity
2. @ 10 MΩ MCP load and @10uA anode load

Mechanical

All wires are PTFE insulated and at least 15 cm long. Colors as indicated.

Housing: Black Duroplast.

Dimensions of the unit : Length x Width x Height = (60x54x20)mm

Weight: ≈108 gr.

