

# 5V 2A Switch Mode Power Supply



**MicroLOGIX**  
Embedded Controls (P) Ltd.

## Features

- Universal Input
- Single Output
- High Efficiency
- Closed Frame

## Input Specifications

- Input Voltage Range : 90-275V AC
- Input Current Range : < 200mA
- Input Frequency : 45-65Hz

## Output Specifications

- Output Voltage at No Load : 5.1V DC  $\pm$  2%
- Output Voltage at 50% Load : 5.1V DC  $\pm$  2%
- Output Voltage at Full Load : 5V DC  $\pm$  2%
- Maximum Output Load Current : 2Amps
- Load Regulation(10% to 100%) :  $< \pm$  1%
- Line Regulation(b/w 90-275V AC) :  $< \pm$  1%
- Output V. Tolerance :  $< I = 2\%$
- Ripple /Noise : <20mV P-P
- Overload Protection : 2.1A

## General Specifications

- Input-Out Isolation : 3KV
- Isolation Resistance : < 10M
- Switching Frequency : 132KHz
- Efficiency : 75%

## Environmental Specifications

- Oper. Temperature : 55 °C
- Storage Temperature : 80 °C
- Relative Humidity : 95%, Non Condensing
- Vibration : 10-500Hz, 2G  
10min./1 cycle

## Physical Specifications

- Size : 62(W)x84(H)x80(D)mm
- Construction : Closed Frame

## LED Indication

- 5V Output

Note :

Additional features can be provided depending on customer requirements (within design limits).

