

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[CUI Inc.](#)  
[DMS120250-P5P-IC](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

MODEL NO: DMS120250-P5P-IC		PAGE NO: 1 of 2
PART NO:		UNIT: mm   DATE: 12/17/03
All information contained herein applies only to the above listed part number. Other versions of this part number with electrical or mechanical variations are available. Contact CUI Inc. for further assistance. 9615 SW Allen Blvd., Ste. 103, Beaverton OR 97005 800-275-4899 • 503-643-4899 • Fax: 503-643-6129 • www.cui.com		

**Features**

- Universal input: 90~264VAC
- Continuous short circuit protection
- Over voltage protection
- Conductive EMI meets CISPR/FCC Class B
- High efficiency: 75% typical
- AC plug can be changed



**General**

Output voltage	12V
Max. load	2.5A
Min. load	0A
Ripple & noise	1%
Voltage accuracy	±2%
Line regulation	±1%
Load regulation	±2%

**Input**

Input Voltage Range	90~264VAC
Frequency	47~63Hz
Input current	0.7A max
Inrush current	50A max @ 264VAC

**Output**

Hold-up time	10mS typ. @115VAC
Short-circuit protection	continuous (auto-recovery)
Over-voltage protection	Yes

**Environmental**

Operating temperature	0~40°C
Storage temperature	-20~85°C

**Mechanical**

Dimensions	4.24x 2.27x 1.32 Inches
Weight	(0.625 lbs)

Notes:

1. Voltage set point is at 60% load.
2. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for ripple & noise measuring @20MHz BW.
3. Line regulation measured from 100VAC to 240VAC, full load.
4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% load)

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