

**Input**

Rated input voltage	100 V- 240 V ac
Input voltage range	90 V to 264 V ac
Rated frequency	50-60 Hz
Frequency range	47-63 Hz
Rated input current	400 mA RMS max.
Inrush current	30A max (at 260 V ac input, full load)

Output

Output voltage	12 Vdc at 0.85 A
Output min. current	0A
Short circuit protection	output shut down and auto restart
Ripple voltage	120 mV (p-p) (with a 0.1 μ F ceramic capacitor and a 10 μ F electrolytic capacitor to output at 20 MHz bandwidth)
Efficiency	75% typ. (at 100 V ac/50 Hz or 240 V ac/50 Hz input, full load)

Safety and EMI

Safety approvals	UL/cUL, CE, TUV/GS
RoHS compliant	yes

Environmental

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



CUI INC

Part No: DMS120085-P5-IC

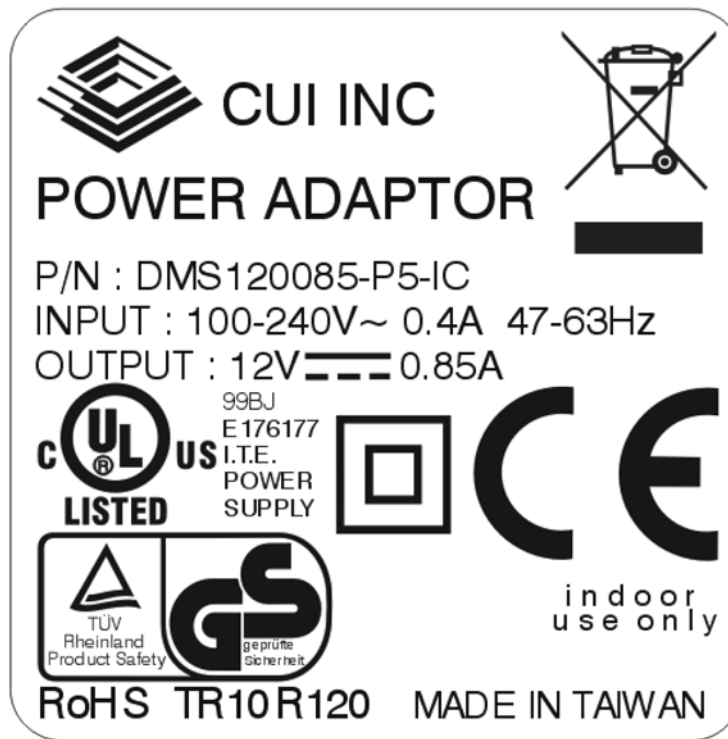
Description: switching power supply
w/ interchangeable input blades

Date: 9/25/2006

Unit: mm

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Label





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Part No: DMS120085-P5-IC

Description: switching power supply
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Mechanical Drawing

Input plug
Case size

interchangeable input blade
72 L x 46 W x 35 H mm

DC Plug Type: V+  V-
DC Plug: Straight(ø5.5/ø2.1)L9.5mm
20AWG / 180mm

