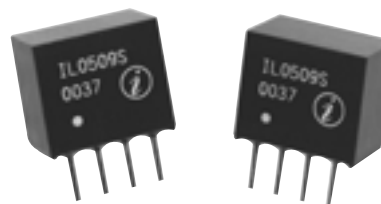


International Power Sources, Inc.

260 Hopping Brook Road
Holliston, Massachusetts 01746
Tel. (508) 429-4440 Fax (800) 226-2100
<http://www.intlpower.com>

DC/DC Converters



IL SERIES 2 WATT

SHOWN
ACTUAL
SIZE

FEATURES

- 0.14 in² board space
- 75% Efficiency
- 5, 12, and 24 VDC Inputs
- 1000 VDC Isolation
- Single-in-line Packaging
- Low Cost

MODELS CHART

OUTPUT VOLTAGE	OUTPUT CURRENT	PART NUMBERS		
		5VDC INPUT	12VDC INPUT	24VDC INPUT
5VDC	400mA	IL0505	IL1205	IL2405
9VDC	222mA	IL0509	IL1209	IL2409
12VDC	168mA	IL0512	IL1212	IL2412
15VDC	132mA	IL0515	IL1215	IL2415

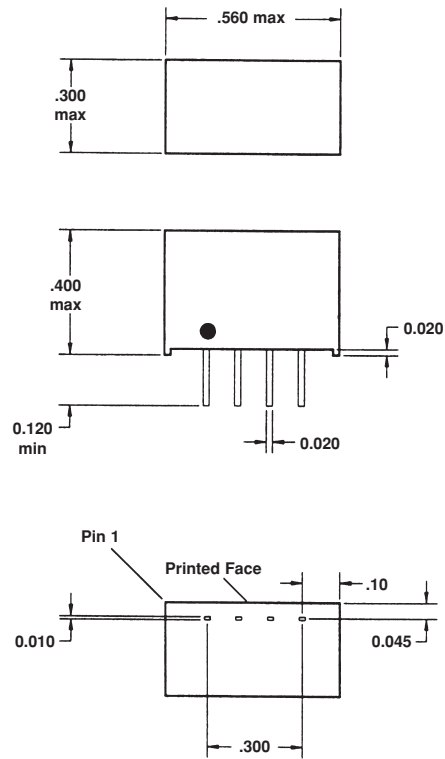
ELECTRICAL SPECIFICATIONS

All specifications typical at nominal line, full load and 25°C

Input voltage range	±10%
Input reflected noise (20MHz BW)	200mV p-p max.
Output voltage accuracy	±5%
Line regulation	1.2%/1% of Vin
Load regulation (20% to 100% Load)	±10%
Output ripple and noise (20 MHz BW)	200mV p-p max.
Efficiency at full load	75% typical
Short circuit protection	1 second max.
Input output isolation	1000VDC
Temperature coefficient	0.03% per °C max.
Operating temperature range	-40°C to 85°C
	-40°C to 71°C (no derating)
Storage temperature range	-55°C to 125°C

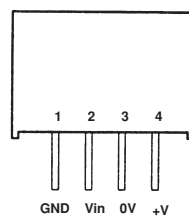
Specifications subject to change. Unit requires 10mm of air space.

MECHANICAL SPECIFICATIONS



Pins .01 x .02 inches

PIN CONNECTIONS



OUTPUT CHARACTERISTICS

