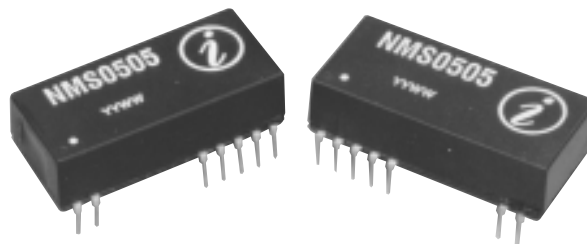


## International Power Sources, Inc.

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

## DC/DC Converters 6000 VDC Isolation



### NMS SERIES 2 WATT

### FEATURES

- UL 1950 Recognized
- BS EN 60950 Certified
- 6000 VDC Isolation
- 5V and 12V Inputs
- Efficiency to 80%
- MTBF to 1 Million Hours

### MODELS CHART

OUTPUT VOLTAGE (S)	OUTPUT CURRENT(S)	PART NUMBERS	
		5VDC INPUT	12VDC INPUT
±5VDC	±200mA	NMS0505	NMS1205
±9VDC	±111mA	NMS0509	NMS1209
±12VDC	±83mA	NMS0512	NMS1212
±15VDC	±67mA	NMS0515	NMS1215

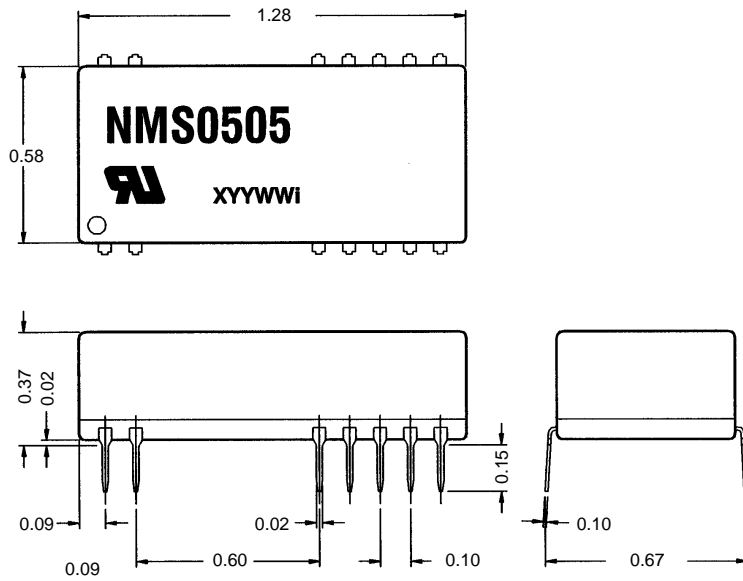
### ELECTRICAL SPECIFICATIONS

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

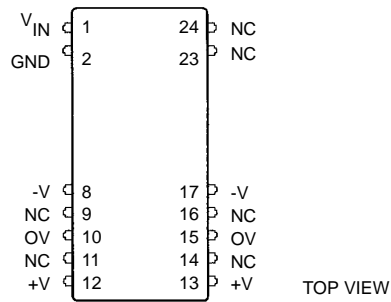
Input voltage range	±10%
Input reflected noise (20MHz BW)	300mV p-p max.
Output voltage accuracy	±10% max.
Line regulation (10% to 100% Load)	1.2%/1% of Vin
Load regulation (10% to 100% Load)	±15% max.
Output ripple and noise (20 MHz BW)	150mV p-p max.
Efficiency at full load, 5V outputs	70% typical
Efficiency at full load, 9V, 12V and 15V outputs	75% typical
Total output power (either output)	2 watts
Short circuit protection	1 second max.
Input output isolation (Flash tested for 1 second)	6000VDC
Temperature coefficient	0.2% per °C max.
Operating temperature range	0°C to 70°C
Storage temperature range	-55°C to 150°C

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

## MECHANICAL SPECIFICATIONS

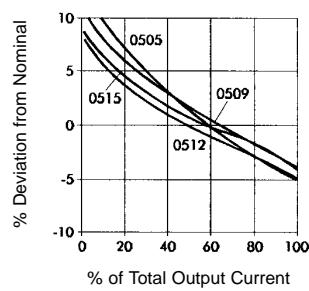
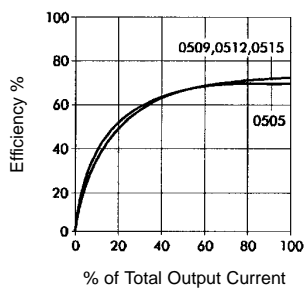


## PIN CONNECTIONS



## OUTPUT CHARACTERISTICS

### NMS05 series



### NMS12 series

