

1 Watt**8 Pin DIL Package L
Suffix "SO"**

- o Unregulated Output
- o 1000 VDC I/O-Isolation
- o 2000 VDC I/O-Isolation add Suffix "H2"
- o Galvanic isolated separated dual Outputs

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE V1	OUTPUT VOLTAGE V2	OUTPUT CURRENT V1/V2	%EFF
1LUD5N5/3.3E-SO	5VDC	5VDC	3.3VDC	100/152mA	70
1LUD5N5E-SO			5VDC	100/100mA	70
1LUD5N5/9E-SO			9VDC	100/56mA	75
1LUD5N5/12E-SO			12VDC	100/42mA	75
1LUD5N5/15E-SO			15VDC	100/33mA	78
1LUD5N9E-SO		9VDC	9VDC	56/56mA	75
1LUD5N12E-SO		12VDC	12VDC	42/42mA	78
1LUD5N15E-SO		15VDC	15VDC	33/33mA	80
1LUD12N5/3.3E-SO	12VDC	5VDC	3.3VDC	100/152mA	70
1LUD12N5E-SO			5VDC	100/100mA	70
1LUD12N5/9E-SO			9VDC	100/56mA	75
1LUD12N5/12E-SO			12VDC	100/42mA	75
1LUD12N5/15E-SO			15VDC	100/33mA	78
1LUD12N9E-SO		9VDC	9VDC	56/56mA	75
1LUD12N12E-SO		12VDC	12VDC	42/42mA	78
1LUD12N15E-SO		15VDC	15VDC	33/33mA	80
1LUD24N5/3.3E-SO	24VDC	5VDC	3.3VDC	100/152mA	70
1LUD24N5E-SO			5VDC	100/100mA	70
1LUD24N5/9E-SO			9VDC	100/56mA	75
1LUD24N5/12E-SO			12VDC	100/42mA	75
1LUD24N5/15E-SO			15VDC	100/33mA	78

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	±10%
Input Filter	Capacitor Type

OUTPUT SPECIFICATIONS

Voltage Accuracy		±5%
Ripple and Noise, 20MHz BW		75 mV p-p max.
Short Circuit Protection		1.0 sec
Line Regulation per 1% of Vin		±1.2%
Load Regulation (10% to 100%)	3.3V, 5V	±15% max.
	9V, 12V, 15V	±10% max.

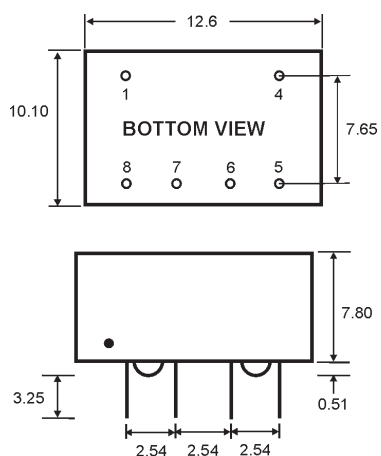
GENERAL SPECIFICATION

Efficiency	70% min
Isolation Voltage Suffix "H2"	1000VDC min. 2000VDC min.
Switching Frequency	20kHz min.
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +125°C
Weight	1.5 grams
Case Material	Non-Conductive Black Plastic

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Case "L"



All Dimensions in mm.
Tolerances: ± 0.25 mm

PIN CONNECTIONS	
1	-INPUT
4	+INPUT
5	+OUTPUT V1
6	-OUTPUT V1
7	+OUTPUT V2
8	-OUTPUT V2

NOTICE:

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.