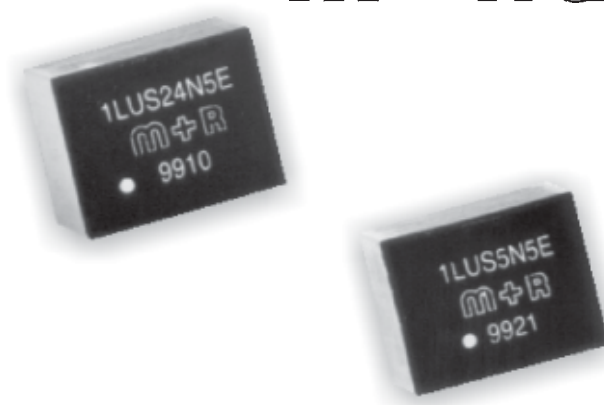


1 Watt 8 Pin DIL Package L



- o Single Output 1.25 Watt max.
- o Unregulated Output
- o 1000 VDC I/O-Isolation
- o 2000 VDC I/O-Isolation add Suffix "H2"



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
1LUS3.3N5E	3.3 VDC	5VDC	250 mA	70
1LUS3.3N9E		9 VDC	139 mA	70
1LUS3.3N12E		12 VDC	104 mA	72
1LUS3.3N15E		15 VDC	83 mA	75
1LUS5N3.3E	5 VDC	3.3 VDC	378 mA	70
1LUS5N5E		5 VDC	250 mA	70
1LUS5N9E		9 VDC	139 mA	76
1LUS5N12E		12 VDC	104 mA	80
1LUS5N15E		15 VDC	83 mA	82
1LUS12N5E	12 VDC	5 VDC	250 mA	70
1LUS12N9E		9 VDC	139 mA	76
1LUS12N12E		12 VDC	104 mA	80
1LUS12N15E		15 VDC	83 mA	82
1LUS15N5E	15 VDC	5 VDC	250 mA	70
1LUS15N9E		9 VDC	139 mA	76
1LUS15N12E		12 VDC	104 mA	80
1LUS15N15E		15 VDC	83 mA	82
1LUS24N5E	24 VDC	5 VDC	250 mA	70
1LUS24N9E		9 VDC	139 mA	76
1LUS24N12E		12 VDC	104 mA	80
1LUS24N15E		15 VDC	83 mA	82

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 sec.
Line Regulation per 1% of Vin	1.2%
Load Regulation ¹⁾	3.3V, 5V 9V, 12V, 15V
	±15% max. ±10% max.

1) Measured from 10% Load to Full Load

GENERAL SPECIFICATION

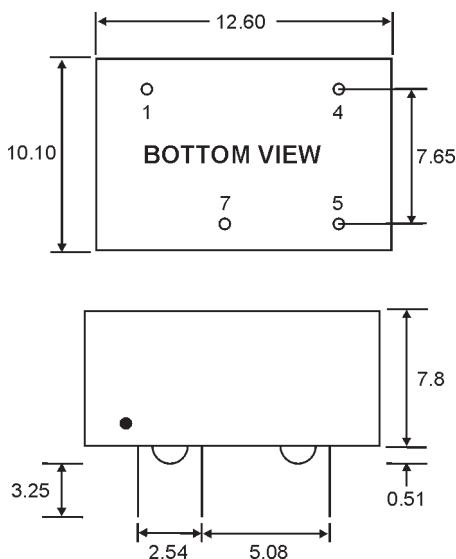
Efficiency	see table	
Isolation Voltage	1000 VDC min.	
Suffix "H2"	2000 VDC min.	
Isolation Resistance	10 Gohms	
Isolation Capacity	75 pF	
Switching Frequency	20kHz min.	
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-55°C to +125°C	
Derating	see diagram	
Weight	1.9 grams	
Case Material	Non-Conductive Black Plastic	
MTBF (MIL-HDBK-217F)	at 25°C	955000 hrs
	at 85°C	132000 hrs

SPECIFICATIONS

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

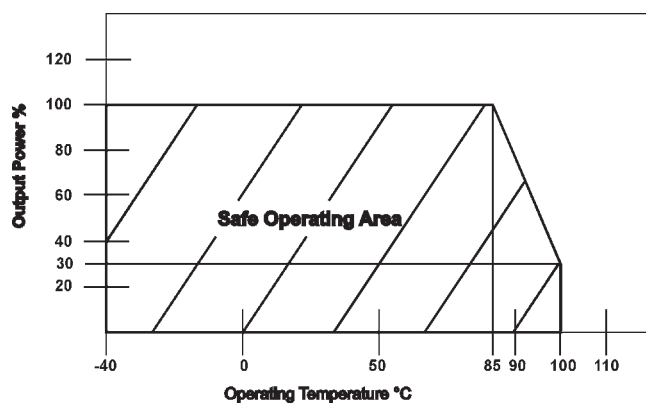
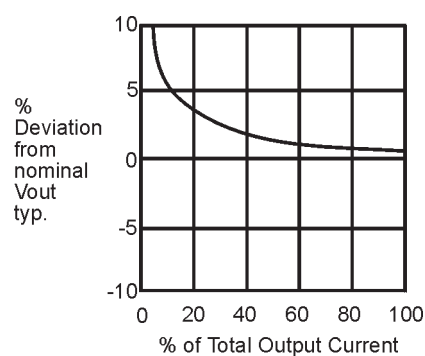
MECHANICAL SPECIFICATIONS

Case "L"



PIN CONNECTIONS	
1	-INPUT
4	+INPUT
5	+OUTPUT
7	-OUTPUT

All Dimensions in mm.
Tolerances: ± 0.25 mm

DIAGRAMS**Derating****Load Regulation****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.