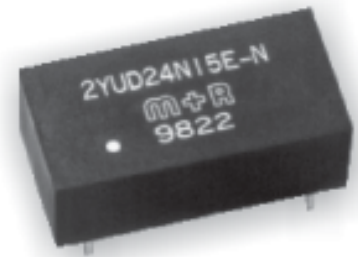


2 Watt**14 Pin DIL Package Y**

- o Ultra-Miniature Size
- o Unregulated Output
- o 1000 VDC I/O-Isolation
- o 2000 VDC I/O-Isolation Option add Suffix "H2"
- o Single + Dual Outputs



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
2YUS5N5E-N	5VDC	5VDC	400mA	75
2YUS5N9E-N		9VDC	222mA	75
2YUS5N12E-N		12VDC	167mA	78
2YUS5N15E-N		15VDC	133mA	80
2YUD5N5E-N		±5VDC	±200mA	70
2YUD5N9E-N		±9VDC	±111mA	75
2YUD5N12E-N		±12VDC	±84mA	78
2YUD5N15E-N		±15VDC	±66mA	80
2YUS12N5E-N	12VDC	5VDC	400mA	82
2YUS12N9E-N		9VDC	222mA	78
2YUS12N12E-N		12VDC	167mA	80
2YUS12N15E-N		15VDC	133mA	85
2YUD12N5E-N		±5VDC	±200mA	74
2YUD12N9E-N		±9VDC	±111mA	75
2YUD12N12E-N		±12VDC	±84mA	80
2YUD12N15E-N		±15VDC	±66mA	82
2YUS15N5E-N	15VDC	5VDC	400mA	78
2YUS15N9E-N		9VDC	222mA	78
2YUS15N12E-N		12VDC	167mA	80
2YUS15N15E-N		15VDC	133mA	80
2YUD15N5E-N		±5VDC	±200mA	70
2YUD15N9E-N		±9VDC	±111mA	75
2YUD15N12E-N		±12VDC	±84mA	80
2YUD15N15E-N		±15VDC	±66mA	82

SPECIFICATIONS

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

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
2YUS24N5E-N	24VDC	5VDC	400mA	80
2YUS24N9E-N		9VDC	222mA	80
2YUS24N12E-N		12VDC	167mA	84
2YUS24N15E-N		15VDC	133mA	85
2YUD24N5E-N		±5VDC	±200mA	75
2YUD24N9E-N		±9VDC	±111mA	78
2YUD24N12E-N		±12VDC	±84mA	80
2YUD24N15E-N		±15VDC	±66mA	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%
Voltage Balance		±2%
Temperature Coefficient		0.03% per °C
Ripple and Noise at 20MHz BW		150 mV p-p max.
Short Circuit Protection		1 sec.
Line Regulation per 1% of Vin		1.2%
Load Regulation (10% to 100%)	5V	±15% max.
	9V, 12V, 15V	±10% max.

GENERAL SPECIFICATION

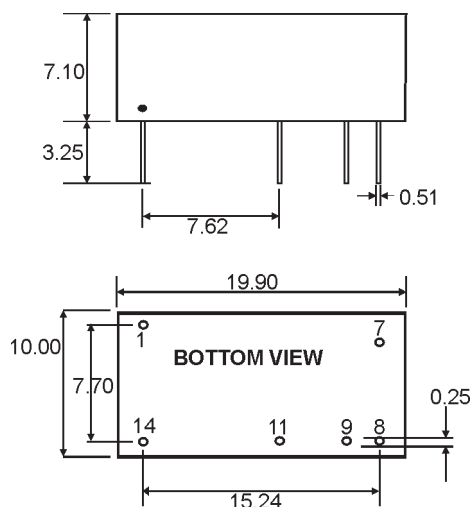
Efficiency	see table	
Isolation Voltage Suffix "H2"	1000 VDC min. 2000 VDC min.	
Isolation Capacitance	Single Dual	54 pF 56 pF
Isolation Resistance	Single Dual	226 Gohms 216 Gohms
Switching Frequency	20 kHz min.	
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-55°C to +125°C	
Derating	see diagram	
Weight	2.8 grams	
Case Material	Non-Conductive Black Plastic	
MTBF (MIL-HDBK-217F)	at 25°C at 85°C	988000 hrs 135000 hrs

SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

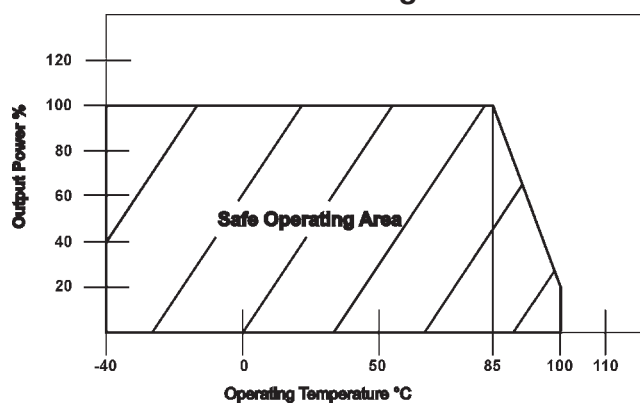
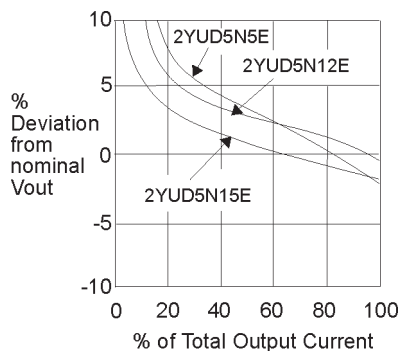
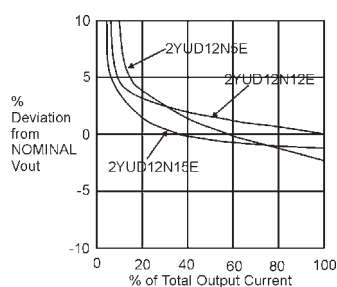
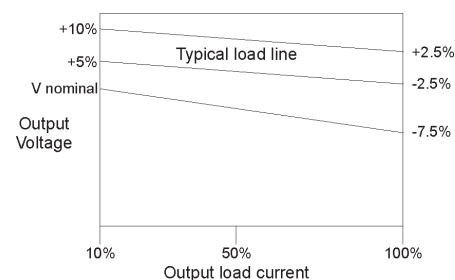
CASE "Y"



All Dimensions in mm.
Tolerances: ± 0.25 mm

PIN CONNECTIONS

	Single	Dual
1	-INPUT	-INPUT
7	NC	NC
8	-OUTPUT	COMMON
9	+OUTPUT	+OUTPUT
11	NC	-OUTPUT
14	+INPUT	+INPUT

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