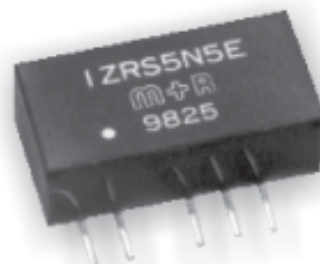


1 Watt

7 Pin SIL Package Z



- o Ultra-Miniature Size
- o Regulated Output
- o 1000VDC I/O-Isolation
- o 2000VDC I/O-Isolation add Suffix "H2"
- o Remote Control
- o Only Single Output



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
1ZRS5N5E	5VDC	5VDC	180mA	52
1ZRS5N9E		9VDC	111mA	56
1ZRS5N12E		12VDC	84mA	60
1ZRS5N15E		15VDC	66mA	62
1ZRS12N5E	12VDC	5VDC	180mA	52
1ZRS12N9E		9VDC	111mA	56
1ZRS12N12E		12VDC	84mA	60
1ZRS12N15E		15VDC	66mA	62
1ZRS15N5E	15VDC	5VDC	180mA	52
1ZRS15N9E		9VDC	111mA	56
1ZRS15N12E		12VDC	84mA	60
1ZRS15N15E		15VDC	66mA	62
1ZRS24N5E	24VDC	5VDC	180mA	52
1ZRS24N9E		9VDC	111mA	56
1ZRS24N12E		12VDC	84mA	60
1ZRS24N15E		15VDC	66mA	62

SPECIFICATIONS

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

INPUT SPECIFICATIONS

Input Voltage Range	±5%
Input Filter	Capacitor Type

OUTPUT SPECIFICATIONS

Voltage Accuracy	±5%
Ripple and Noise, 20MHz BW	50 mV p-p max.
Short Circuit Protection	1 sec.
Line Regulation	±1%
Load Regulation	±1%

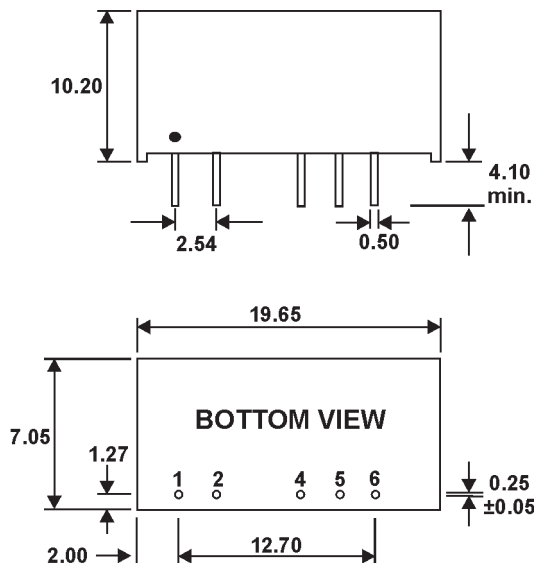
GENERAL SPECIFICATION

Efficiency	52 % min.
Isolation Voltage Suffix "H2"	1000 VDC min. 2000 VDC min.
Isolation Capacitance	70 pF typ.
Isolation Resistance	1000 Mohms
Switching Frequency	20 kHz min.
Operating Temperature Range	-40°C to +71°C
Storage Temperature Range	-55°C to +125°C
Weight	2.8 grams
Case Material	Non-Conductive Black Plastic
MTBF (MIL-HDBK-217F)	at 25°C 924000 hrs at 85°C 135000 hrs

SPECIFICATIONS

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

Case "Z"

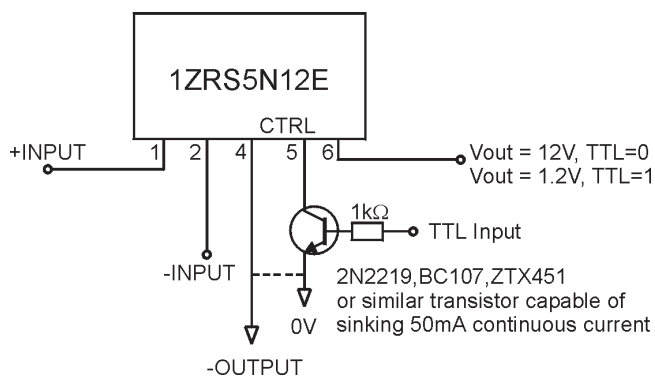


All Dimensions in mm.
Tolerances: ± 0.25 mm

PIN CONNECTIONS

1	+INPUT
2	-INPUT
4	-OUTPUT
5	REMOTE CTRL.
6	+OUTPUT

Typical Application for Remote Control:



No Remote Control (normal regulated Output) NC at Pin 5

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.