

1 Watt

7 Pin SIL Package Z



- o Ultra-Miniature Size
- o Regulated Dual Output
- o 1000 VDC I/O-Isolation
3000 VDC I/O-Isolation add Suffix „H3“



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
1ZRD5N5E	5 VDC	±5 VDC	±100 mA
1ZRD5N9E		±9 VDC	±55 mA
1ZRD5N12E		±12 VDC	±42 mA
1ZRD5N15E		±15 VDC	±33 mA
1ZRD12N5E	12 VDC	±5 VDC	±100 mA
1ZRD12N9E		±9 VDC	±55 mA
1ZRD12N12E		±12 VDC	±42 mA
1ZRD12N15E		±15 VDC	±33 mA
1ZRD15N5E	15 VDC	±5 VDC	±100 mA
1ZRD15N9E		±9 VDC	±55 mA
1ZRD15N12E		±12 VDC	±42 mA
1ZRD15N15E		±15 VDC	±33 mA
1ZRD24N5E	24 VDC	±5 VDC	±100 mA
1ZRD24N9E		±9 VDC	±55 mA
1ZRD24N12E		±12 VDC	±42 mA
1ZRD24N15E		±15 VDC	±33 mA

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	100 mV p-p max.
Short Circuit Protection	1.0 sec.
Line Regulation	±1.0%
Load Regulation	±1.0%

GENERAL SPECIFICATION

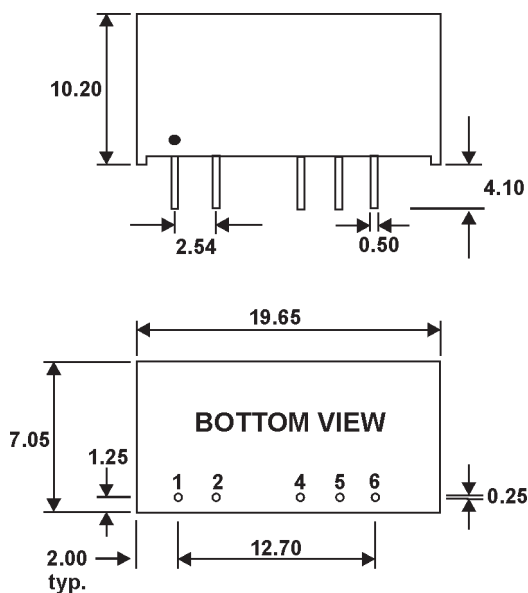
Efficiency	50 % min.
Isolation Voltage	1000 VDC min.
Suffix "H3"	3000 VDC min.
Operating Temperature Range	-40°C to +71°C
Storage Temperature Range	-55°C to +125°C
Case Material	Non-Conductive Black Plastic
MTBF (MIL-HDBK-217F)	at 25°C 944000 hrs at 85°C 130000 hrs

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MECHANICAL SPECIFICATIONS

Case "Z"



PIN CONNECTIONS	
1	+INPUT
2	-INPUT
4	-OUTPUT
5	COMMON
6	+OUTPUT

All Dimensions in mm.
Tolerances ± 0.25 mm

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.