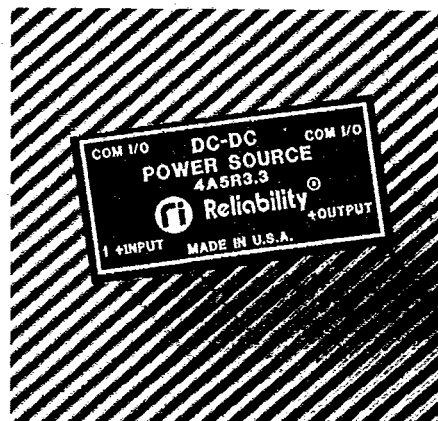


4A5R3.3

3.3 VOLT DC/DC CONVERTER

KEY FEATURES

- High Power Density
- PC Mountable, Low Profile
- Designed for Memory Expansion Loads
- Intermittent Short Circuit Protection
- 0.5% Line and Load Regulation
- No Derating to 71°C
- 100% Burn-in and Triple Tested
- Three Year Warranty



DESCRIPTION

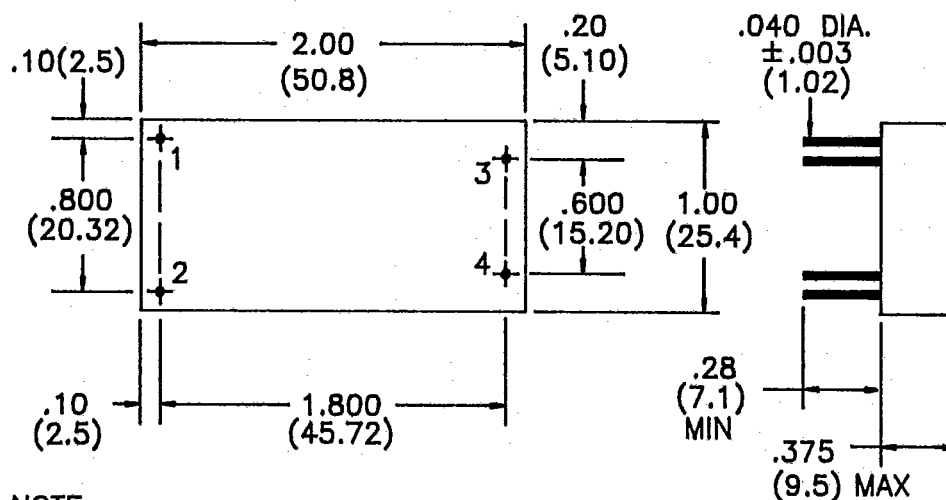
One of the industry's first 3.3 volt DC-DC converters operates from an input range of 4.75 to 5.25 VDC. The units are designed for high density memory expansion boards and operate without derating over the full temperature range.

GENERAL ELECTRICAL SPECIFICATIONS

(Specifications at 25°C Unless Otherwise Noted)

<u>PARAMETER</u>	<u>LIMIT</u>	<u>CONDITIONS</u>
Input Voltage Range	4.75 - 5.25 VDC	Low to High Line
Maximum Input Voltage	6.0 VDC	One Minute
Output Voltage Accuracy	3.3 ± 0.2 VDC	Rated Line, Load
Line Regulation	0.5% Max.	Full Load
Load Regulation	0.5% Max.	Nominal Line
Output Current	0.1 - 1.00A	Full Load = 1.00A
Output Noise/Ripple	100mV, P-P (Max.)	20Hz - 20 MHz Bandwidth
Switching Frequency	300KHz	Nominal
Short Circuit Protection	Intermittent Short	10 Seconds
Maximum Input Current	1.1A	Full Load, Nominal Line
Efficiency	80%	Full Load
Isolation	No Isolation	
Operating Temperature	-25°C to +71°C	
Storage Temperature	-55°C to +125°C	



MECHANICAL SPECIFICATIONS

NOTE:

ALL DIMENSIONS IN PARENTHESES ARE METRIC.

TOLERANCES UNLESS OTHERWISE SPECIFIED: .XX $\pm$.03 .XXX $\pm$.010.

PIN	PIN CONNECTIONS
1	+INPUT
2	COMMON I/O
3	+OUTPUT
4	COMMON I/O

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Houston, Texas 77218
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FAX: (713) 492-0615

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