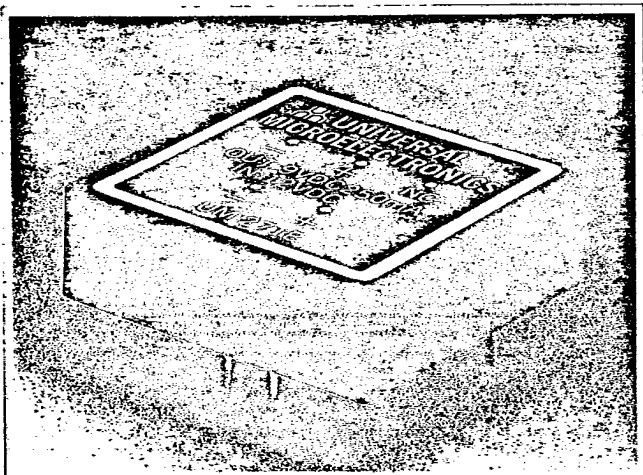


2 Watt LAN DC-DC Converters

LAN-2 SERIES



- Ethernet Application
- Full Power to +71°C
- Wide Input Range
- Pi Input Filter
- 2500 VDC Isolation
- Short Circuit Protection

SPECIFICATIONS

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

INPUT SPECIFICATIONS

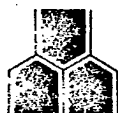
Input Voltage Range10.2 to 15.75 VDC
Input FilterPI Network

OUTPUT SPECIFICATIONS

Voltage Accuracy.....± 5%
Ripple and Noise, 20MHz BW100mV P-P
Short Circuit ProtectionPower Foldback
Line Regulation± 0.3%
Load Regulation± 0.5%

GENERAL SPECIFICATIONS

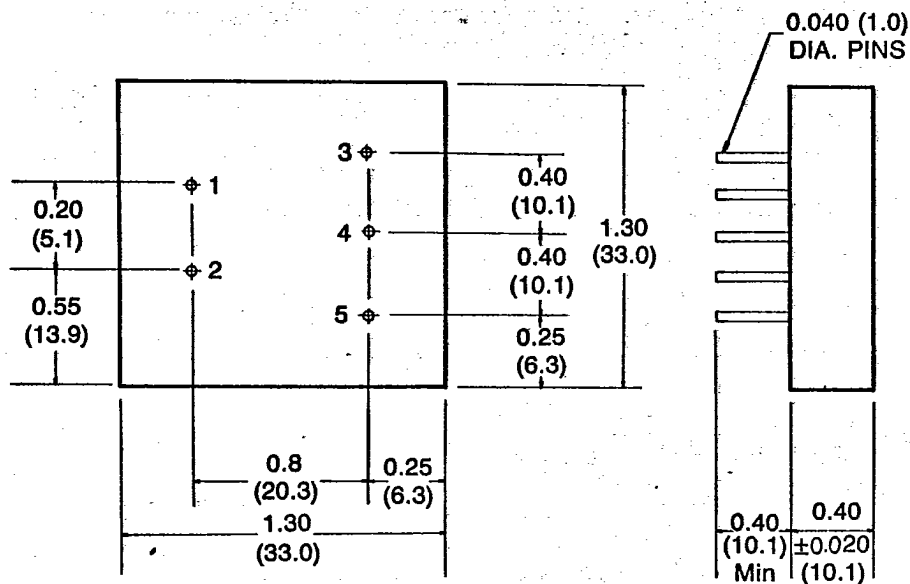
Efficiency50%
Switching Frequency20kHz, min.
Isolation Voltage2500 VDC min.
Operating Temperature Range0°C to +71°C
Storage Temperature Range-40°C to +85°C
Dimensions1.3 × 1.3 × 0.4 inches
(33 × 33 × 10.2mm)
Case MaterialNon-Conductive Black Material



**UNIVERSAL
MICROELECTRONICS**

UNIVERSAL MICROELECTRONICS

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT		PIN CONN.	CASE
				NO LOAD	FULL LOAD		
UM-271E	12 VDC	9 VDC	250 mA	50 mA	380 mA	B	G
UM-275E	12 VDC	+10/+5 VDC	150/110 mA	60 mA	350 mA	A	G



ALL DIMENSIONS IN INCHES (MM)

Pin Connections		
Pin	A	B
1	+ Input	+ Input
2	- Input	- Input
3	+10V Output	No Connection
4	Output Common	Output Common
5	+5V Output	- Output