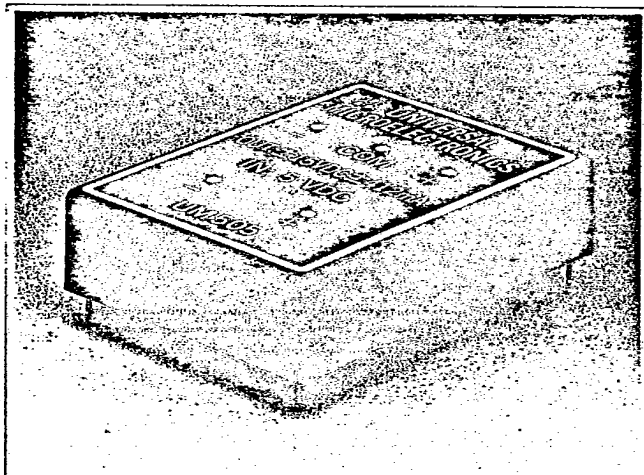


UM500 SERIES



- High Performance
- 60% Efficiency
- Regulated Outputs
- Pi Input Filter
- Six-Sided Shield
- Short Circuit Protection

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

Input Voltage Range..... $\pm 10\%$
Input Filter..... Pi Network

Voltage Accuracy	± 1.0% max.
Voltage Balance, Dual Output	± 0.5% max.
Temperature Coefficient	
Single Output	± 0.02%/°C
Dual Output	± 0.01%/°C
Ripple and Noise, 20MHz BW	
Single Output	50mV P-P max.
Dual Output	35mV P-P max.
Short Circuit Protection	Short Term
Line Regulation	0.02%
Load Regulation	0.05%

Efficiency	60%
Isolation Voltage	500 VDC min.
Isolation Capacitance	100pF
Isolation Resistance	10 ⁹ ohms
Switching Frequency	20kHz, min.
Operating Temperature Range	- 25°C to + 71°C
Storage Temperature Range	- 40°C to + 100°C
EMI/RFI	Six-Sided Continuous Shield
Dimensions	3.5 × 2.5 × 0.88 inches (88.9 × 63.5 × 22.4mm)
Case Material	Black Coated Copper with Non-Conductive Base

Input Voltage	60% FL	80% FL	100% FL
5V	4.4- 6.5V	4.5- 6.0V	4.65- 5.5V
12V	10.56-15.6V	10.8-14.4V	11.16-13.2V
24V	21.12-31.2V	21.6-28.8V	22.32-26.4V
28V	24.64-36.4V	25.2-33.6V	26.04-30.8V
48V	42.24-62.4V	43.2-57.6V	44.64-52.8V

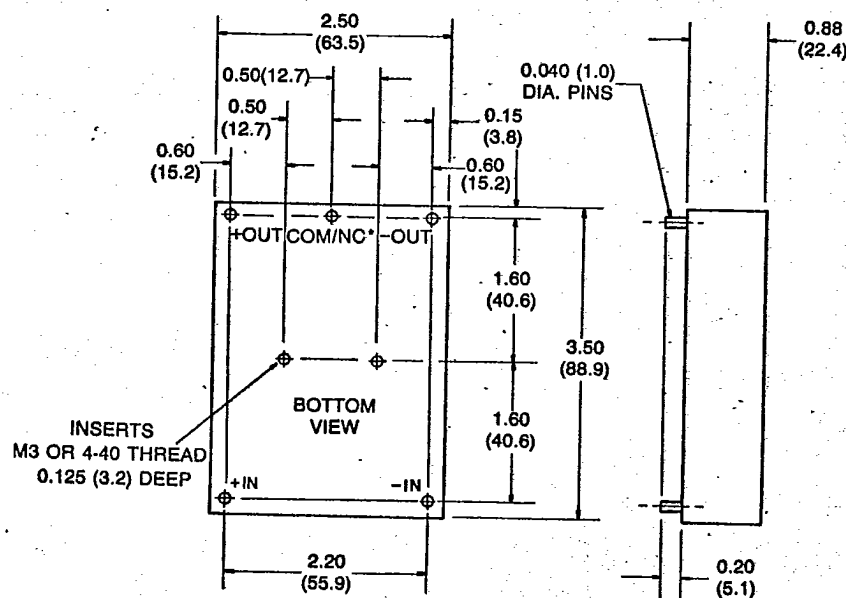


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MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT CURRENT		CASE
				NO LOAD	FULL LOAD	
UM501	5 VDC	5 VDC	2000 mA	70 mA	3340 mA	D
UM502	5 VDC	12 VDC	940 mA	90 mA	3500 mA	D
UM503	5 VDC	15 VDC	800 mA	100 mA	3670 mA	D
UM504	5 VDC	±12 VDC	±525 mA	130 mA	3840 mA	D
UM505	5 VDC	±15 VDC	±412 mA	180 mA	3780 mA	D
UM506	12 VDC	5 VDC	2000 mA	30 mA	1400 mA	D
UM507	12 VDC	12 VDC	940 mA	40 mA	1450 mA	D
UM508	12 VDC	15 VDC	800 mA	50 mA	1540 mA	D
UM509	12 VDC	±12 VDC	±525 mA	80 mA	1600 mA	D
UM510	12 VDC	±15 VDC	±412 mA	90 mA	1570 mA	D
UM511	24 VDC	5 VDC	2000 mA	20 mA	700 mA	D
UM512	24 VDC	12 VDC	940 mA	25 mA	700 mA	D
UM513	24 VDC	15 VDC	800 mA	25 mA	730 mA	D
UM514	24 VDC	±12 VDC	±525 mA	50 mA	780 mA	D
UM515	24 VDC	±15 VDC	±412 mA	50 mA	760 mA	D
UM516	28 VDC	5 VDC	2000 mA	20 mA	600 mA	D
UM517	28 VDC	12 VDC	940 mA	25 mA	590 mA	D
UM518	28 VDC	15 VDC	800 mA	30 mA	620 mA	D
UM519	28 VDC	±12 VDC	±525 mA	50 mA	650 mA	D
UM520	28 VDC	±15 VDC	±412 mA	50 mA	650 mA	D
UM521	48 VDC	5 VDC	2000 mA	20 mA	350 mA	D
UM522	48 VDC	12 VDC	940 mA	25 mA	350 mA	D
UM523	48 VDC	15 VDC	800 mA	25 mA	360 mA	D
UM524	48 VDC	±12 VDC	±525 mA	30 mA	390 mA	D
UM525	48 VDC	±15 VDC	±412 mA	40 mA	380 mA	D

CASE D



ALL DIMENSIONS IN INCHES (MM)
 * NC(NO CONNECTION) on single output models.