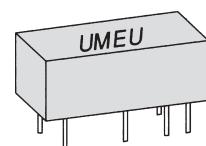


# UM10D00

## Electrical Specification

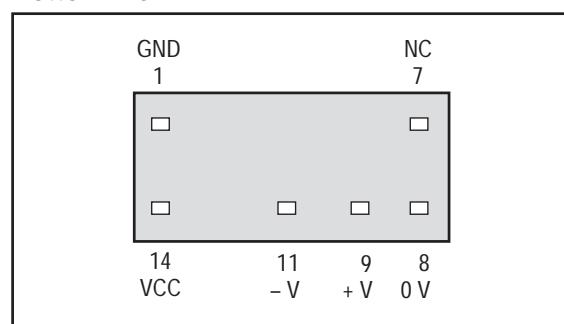
(at nom. line, full load, 25°C)

Input Voltage Range .....	$\pm 10\%$
Input Filter .....	Capacitor
Output Voltage Accuracy .....	$\pm 5\%$
Line Voltage Regulation .....	1.2 % / 1% of Vin
Load Voltage Regulation .....	$\pm 10\%$
Ripple and Noise @20 MHz BW .....	50 mV P-P typ.
Efficiency at Full Load.....	70 % typ.
Isolation Voltage .....	500 VDC min.
Short Circuit Protection .....	1.0 sec.
Operating Temperature Range .....	- 25°C to + 80°C
Storage Temperature Range .....	- 55°C to + 100°C



## Single/Dual Output

### Bottom View



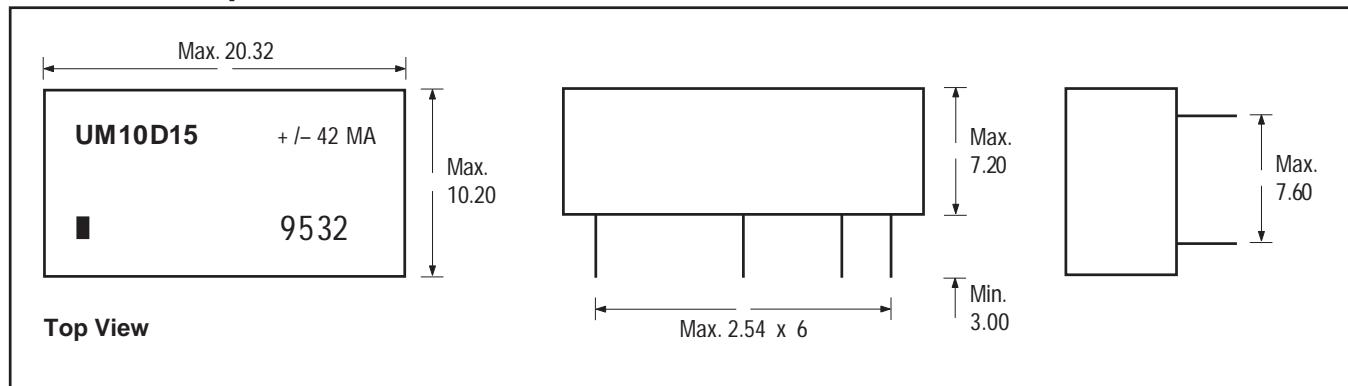
\* Single Output: NC for pin 11

Note: Add/H after P/N for isolation 2 KV DC

Part Number	Input Voltage	Output Voltage	Output Current	Efficiency in %
UM10D11	5 VDC	5 VDC	200 mA	70
UM10D14	5 VDC	$\pm 5$ VDC	$\pm 100$ mA	70
UM10D19	5 VDC	$\pm 9$ VDC	$\pm 55$ mA	75
UM10D12	5 VDC	12 VDC	84 mA	78
UM10D15	5 VDC	$\pm 12$ VDC	$\pm 42$ mA	78
UM10D13	5 VDC	15 VDC	66 mA	80
UM10D16	5 VDC	$\pm 15$ VDC	$\pm 33$ mA	80
UM10D21	12 VDC	5 VDC	200 mA	70
UM10D24	12 VDC	$\pm 5$ VDC	$\pm 100$ mA	70
UM10D22	12 VDC	12 VDC	84 mA	78
UM10D25	12 VDC	$\pm 12$ VDC	$\pm 42$ mA	78
UM10D23	12 VDC	15 VDC	66 mA	80
UM10D26	12 VDC	$\pm 15$ VDC	$\pm 33$ mA	80
UM10D31	24 VDC	5 VDC	200 mA	70
UM10D34	24 VDC	$\pm 5$ VDC	$\pm 100$ mA	70
UM10D32	24 VDC	12 VDC	84 mA	78
UM10D35	24 VDC	$\pm 12$ VDC	$\pm 42$ mA	78
UM10D33	24 VDC	15 VDC	66 mA	80
UM10D36	24 VDC	$\pm 15$ VDC	$\pm 33$ mA	80

## Mechanical Specifications

Unit = mm



# UMEC Europe

Internet: <http://www.umec-europe.com>

UMEC Europe GmbH  
Kreuzenstraße 80 D-74076 Heilbronn  
Tel. 07131/76170 Fax 07131/761720

e-mail: [info@umec.de](mailto:info@umec.de)

UMEC Italia S.R.L.  
Via Mantova, 35 I-20089 Rozzano MI  
Tel. 02-8252246 Fax 02-8255262

e-mail: [umecitalia@umec.de](mailto:umecitalia@umec.de)

12/97