

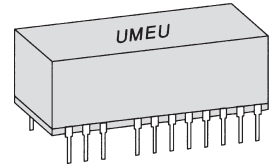
UM18AU001

Electrical Specification

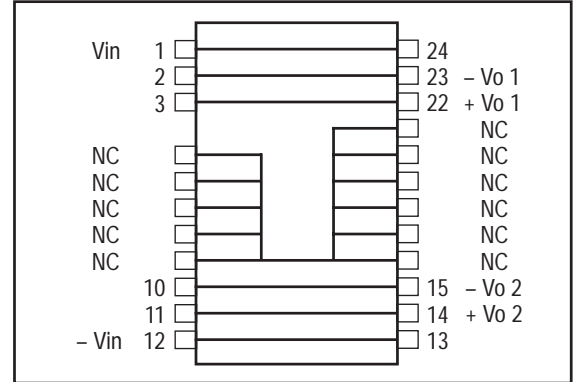
(at nom. line, full load, 25°C)

- Input Voltage Range $\pm 10\%$
- Output Voltage Accuracy $\pm 5\%$
- Output Power 1.8 Watts max.
- Line Regulation 1.2% / 1% of V_{in}
- Load Regulation $\pm 10\%$
- Operating Frequency 20 KHz min.
- Ripple and Noise @20 MHz BW 50 mV P-P max.
- Efficiency at Full Load 75% min.
- Isolation Voltage 500 VDC min.
- Short Circuit Protection Short Term
- Operating Temperature Range -25°C to $+70^{\circ}\text{C}$
- Storage Temperature Range -55°C to $+125^{\circ}\text{C}$

Dual Isolated Output



Top View



Part Number	Input Voltage	Output Voltage V 1	Output Voltage V 2	Output Current V 1 / V 2	Efficiency in %
UM18AU14I	5 VDC	5 VDC	5 VDC	180/180 mA	75
UM18AU19I	5 VDC	9 VDC	9 VDC	75/75 mA	78
UM18AU15I	5 VDC	12 VDC	12 VDC	75/75 mA	80
UM18AU16I	5 VDC	15 VDC	15 VDC	60/60 mA	82
UM18AU24I	12 VDC	5 VDC	5 VDC	180/180 mA	75
UM18AU29I	12 VDC	9 VDC	9 VDC	75/75 mA	78
UM18AU25I	12 VDC	12 VDC	12 VDC	± 75 mA	80
UM18AU26I	12 VDC	15 VDC	15 VDC	± 60 mA	82
UM18AU34I	24 VDC	5 VDC	5 VDC	± 180 mA	75
UM18AU39I	24 VDC	9 VDC	9 VDC	75/75 mA	78
UM18AU35I	24 VDC	12 VDC	12 VDC	± 75 mA	80
UM18AU36I	24 VDC	15 VDC	15 VDC	± 60 mA	82

Mechanical Specifications

Unit = mm

