

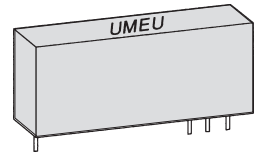
UM18SF00

Electrical Specification

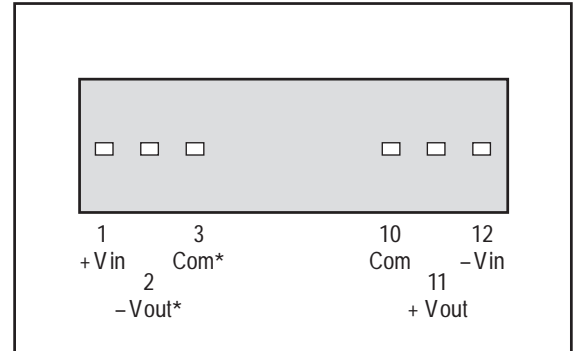
(at nom. line, full load, 25°C)

| | |
|-----------------------------------|-------------------|
| Input Voltage Range | ± 10 % |
| Output Voltage Accuracy | ± 5 % |
| Output Power | 1.8 Watts max. |
| Line Regulation | ± 0.5 % |
| Load Regulation | ± 0.5 % |
| Ripple and Noise @20 MHz BW | 50 mV P-P max. |
| Efficiency at Full Load | 50 % min. |
| Isolation Voltage | 500 VDC min. |
| Short Circuit Protection | Short Term |
| Operating Frequency | 20 KHz min. |
| Operating Temperature Range | - 25°C to +70°C |
| Storage Temperature Range | - 55°C to + 125°C |

Single/Dual Output



Bottom View



Pin 2, 3 NP for single output

| Part Number | Input Voltage | Output Voltage | Output Current | Efficiency in % |
|-------------|---------------|----------------|----------------|-----------------|
| UM18SF11 | 5 VDC | 5 VDC | 360 mA | 55 |
| UM18SF14 | 5 VDC | ± 5 VDC | 100 mA | 52 |
| UM18SF17 | 5 VDC | 9 VDC | 200 mA | 58 |
| UM18SF19 | 5 VDC | ± 9 VDC | 100 mA | 55 |
| UM18SF12 | 5 VDC | 12 VDC | 150 mA | 62 |
| UM18SF15 | 5 VDC | ± 12 VDC | 75 mA | 58 |
| UM18SF13 | 5 VDC | 15 VDC | 120 mA | 65 |
| UM18SF16 | 5 VDC | ± 15 VDC | 60 mA | 60 |
| UM18SF21 | 12 VDC | 5 VDC | 360 mA | 55 |
| UM18SF24 | 12 VDC | ± 5 VDC | 100 mA | 52 |
| UM18SF27 | 12 VDC | 9 VDC | 200 mA | 58 |
| UM18SF29 | 12 VDC | ± 9 VDC | 100 mA | 55 |
| UM18SF22 | 12 VDC | 12 VDC | 150 mA | 62 |
| UM18SF25 | 12 VDC | ± 12 VDC | 75 mA | 58 |
| UM18SF26 | 12 VDC | ± 15 VDC | 60 mA | 60 |
| UM18SF23 | 12 VDC | 15 VDC | 120 mA | 65 |

Mechanical Specifications

Unit = mm

