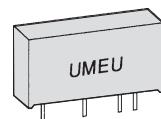


UM20SH00A

Electrical Specification

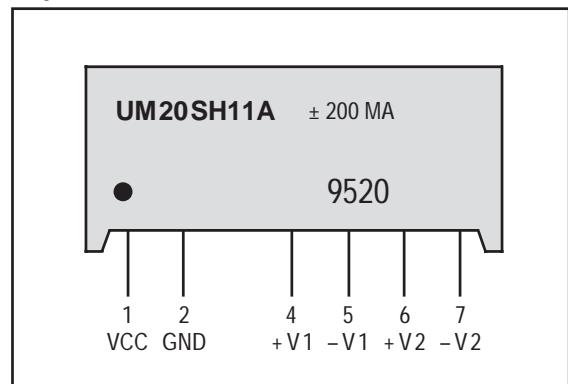
(at nom. line, full load, 25°C)

| | |
|-----------------------------------|--------------------|
| Input Voltage Range | $\pm 10\%$ |
| Input Filter | Capacitor Type |
| Output Voltage Accuracy | $\pm 5\%$ |
| Line Voltage Regulation | 1.2 % / 1 % of Vin |
| Load Voltage Regulation | $\pm 10\%$ |
| Ripple and Noise @20 MHz BW | 150 mV P-P typ. |
| Efficiency at Full Load..... | 70 % typ. |
| Isolation Voltage | 1000 VDC min. |
| Short Circuit Protection | 1.0 sec. |
| Operating Temperature Range | -25°C to +70°C |
| Storage Temperature Range | -55°C to +100°C |



Dual Isolated Output

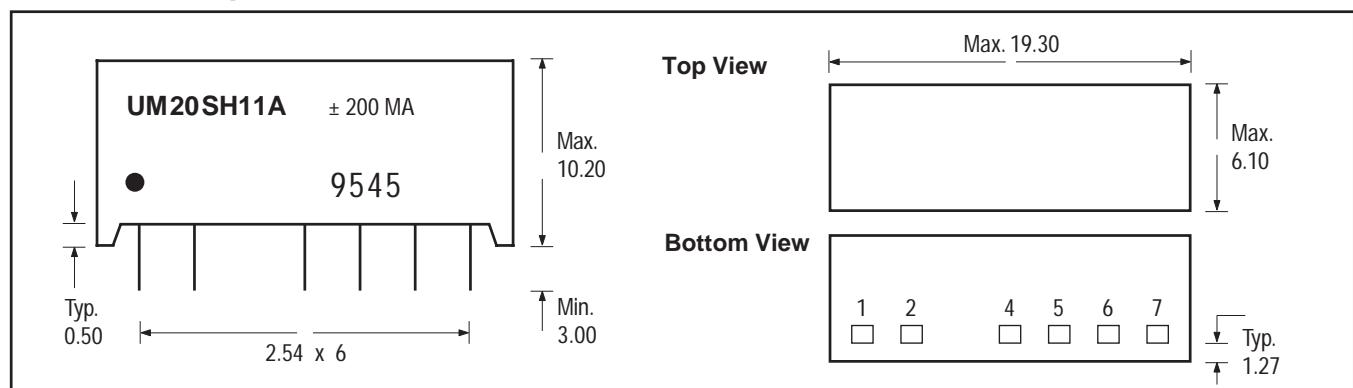
Top View



| Part Number | Input Voltage | Output Voltage V 1 | Output Voltage V 2 | Output Current V 1 / V 2 | Eficiency in % |
|-------------|---------------|-----------------------|-----------------------|-----------------------------|-------------------|
| UM20SH11A | 5 VDC | 5 VDC | 5 VDC | 200/200 mA | 70 |
| UM20SH19A | 5 VDC | 9 VDC | 9 VDC | 111/111 mA | 75 |
| UM20SH15A | 5 VDC | 12 VDC | 12 VDC | 84/84 mA | 78 |
| UM20SH16A | 5 VDC | 15 VDC | 15 VDC | 66/ 66 mA | 80 |
| UM20SH24A | 12 VDC | 5 VDC | 5 VDC | 200/200 mA | 70 |
| UM20SH29A | 12 VDC | 9 VDC | 9 VDC | 111/111 mA | 75 |
| UM20SH25A | 12 VDC | 12 VDC | 12 VDC | 84/84 mA | 78 |
| UM20SH26A | 12 VDC | 15 VDC | 15 VDC | 66/66 mA | 80 |
| UM20SH34A | 24 VDC | 5 VDC | 5 VDC | 200/200 mA | 70 |
| UM20SH39A | 24 VDC | 9 VDC | 9 VDC | 111/111 mA | 75 |
| UM20SH35A | 24 VDC | 12 VDC | 12 VDC | 84/84 mA | 78 |
| UM20SH36A | 24 VDC | 15 VDC | 15 VDC | 66/66 mA | 80 |

Mechanical Specifications

Unit = mm



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