



Features

- Dual Output
- SIP or DIP Package
- Industry Standard Pinout
- 1000 VDC Isolation
- -40°C to +85°C Operation
- MTBF >1.1 Mhrs

Specification

Input

Input Voltage Range	: Nominal $\pm 10\%$
Input Reflected Ripple Current	: 20mA pk-pk (through 12 μ H inductor 5Hz to 20MHz)
Input Reverse Voltage Protection	: None

Output

Output Voltage	: See table
Minimum Load	: None ⁽²⁾
Line Regulation	: 1.2% / 1% ΔV_{in}
Load Regulation	: 10% 20-100% load change
Setpoint Accuracy	: $\pm 3\%$
Ripple & Noise	: 75mV pk-pk max, 20MHz bandwidth
Temperature Coefficient	: 0.02% / °C
Maximum Capacitive Load	: $\pm 100\mu$ F

General

Efficiency	: See table
Isolation Voltage	: 1000V DC min
Isolation Resistance	: 10 ⁹ Ω
Isolation Capacitance	: 60pF typical
Switching Frequency	: Variable, 80KHz typical
MTBF	: >1.12Mhrs to MIL-HDBK-217F at 25°C, GB

Environmental

Operating Temperature	: -40°C to +85°C
Storage Temperature	: -40°C to +125°C
Case Temperature	: 100°C max
Cooling	: Convection-cooled