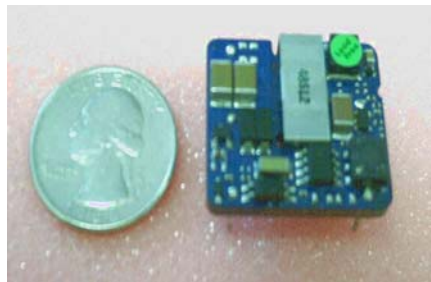




ICI4.0-1043

DC DC Converter



Features

- Wide input voltage range 8-18Vdc
- 3.75 Watts (1.1" x .94" x 0.25")
- Efficiency to 80%
- PI input filter

Electrical Specifications

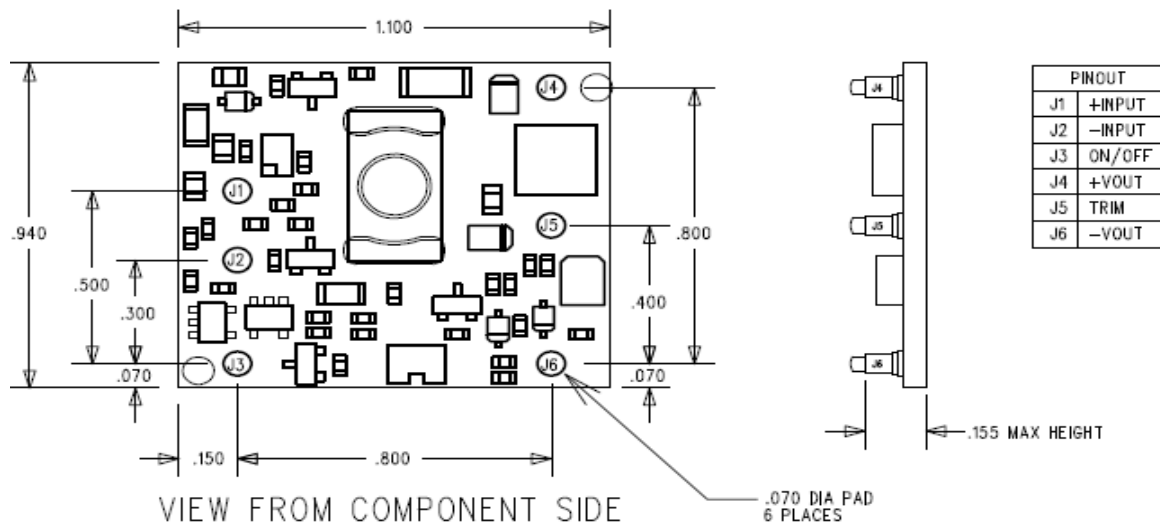
Input Voltage/Range..... 8-18Vdc
 Output Voltage..... 5.00Vdc
 Output Current.....750 mA
 Output Voltage Accuracy..... +/- 1% Typ
 Line Regulation..... +/- 0.5%
 Load Regulation (single)..... +/- 0.5%
 Efficiency..... 80%
 OVP.....6.8V, clamp type

General Specifications

Switching Frequency.....500KHz Typ.
 Output Ripple & Noise.....20mVp-p(20MHz B.W.)
 Isolation Voltage.....2200VDC
 Isolation Resistance.....1 gigohm
 Storage Temperature Range.....-55C to 100C
 Operating Temperature Range... -40C to +71C
 Short Circuit Protection..... Continuous



Preliminary



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