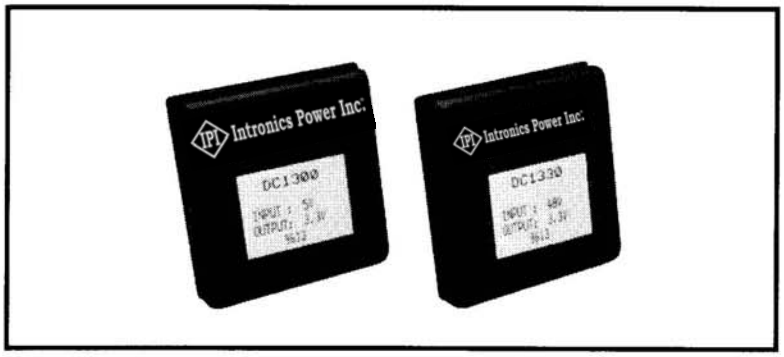
Intronics Power ®

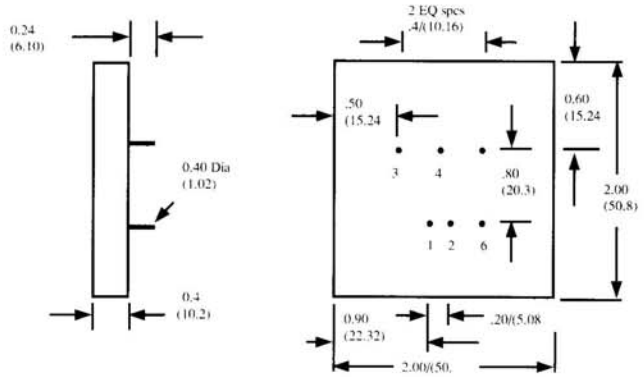
DC1300 Series
10 Watt, **3.3V Output**
DC-DC Converters



Features

Full 2:1 input range
Low profile 0.4" high
Short Ckt & Overvoltage protected
Fully regulated
Low output ripple & noise
High reliability
Input/output isolation

Model Number	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA)	Input Current	
				No Load	Full Load
DC1300	4.5-6	3.3	3000	10	2470
DC1310	9-18	3.3	3000	10	1030
DC1320	18-36	3.3	3000	10	500
DC1330	36-72	3.3	3000	10	245



PIN	Function	
1	+ Vin (input)	+ Vin (input)
2	- Vin (input)	- Vin (input)
3	+Vout (output)	+ Vout (output)
4	Trim	Common
5	- Vout (output)	- Vout (output)
6	Remote ON/OFF	

Input / Output Specifications

Input filter: Pi Network
Logic Input Reference: to minus input
Logic compatibility: TTL or CMOS
Remote ON/OFF
Output voltage accuracy: V1: ± 3%
Line regulation(at Full Load): ± .5% max.
Load regulation (1/2 to Full): ± 1% max.
Temp. coef.: ± .02%/degree C
Trans. Recovery: 200µs max. to 1% final value
Ripple & noise (20Mhz BW): 50mV
Short circuit protection: foldback

General Specifications

Efficiency: up to 81%
Isolation voltage: 500 Vdc
Isolation Resistance: 1000 MΩ
Operating temp.: -25 to +71 °C
Storage temp.: -55 to +125 °C
EMI/RFI: Six-sided continuous metal shielding
Case Material: Black coated Cu w/ non-conductive bottom
Size: 2" x 2" x .4"

External Output Trimming

Output may optionally be externally trimmed (± 5%) with a fixed resistor or a trimpot.

Due to ongoing product improvement, specifications are subject to change.

1400 PROVIDENCE HIGHWAY • BUILDING 2 NORWOOD, MASSACHUSETTS 02062-5015
PHONE: 781-551-5500 FAX: 781-551-5555