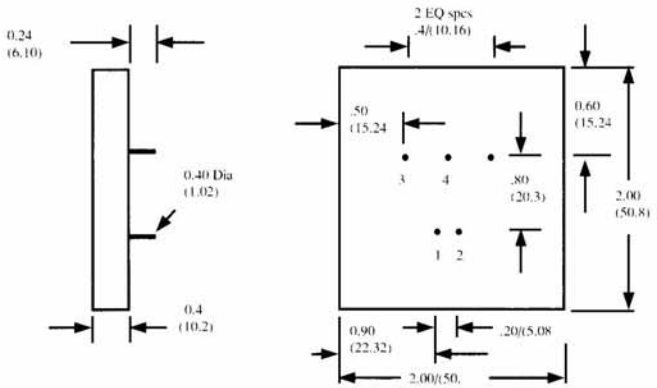
Intronics Power ®

DC1500 Series
15 Watt Single & Dual Output
DC-DC Converters

Model No.	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA)
DC1511	9-18	5	3000
DC1512	9-18	12	1250
DC1513	9-18	15	1000
DC1518	9-18	± 12	± 625
DC1519	9-18	± 15	± 500
DC1521	18-36	5	3000
DC1522	36-72	12	1250
DC1523	36-72	15	1000
DC1528	36-72	± 12	± 625
DC1529	18-36	± 15	± 500
DC1531	36-72	5	3000
DC1532	36-72	12	1250
DC1533	36-72	15	1000
DC1538	36-72	± 12	± 625
DC1539	36-72	± 15	± 500



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 Specifications

Input filter: Pi Network
Output voltage accuracy: V1: ± 1%
V2: ± 2%
Line regulation(at Full Load):
± .5% max. (single)
± 1% max. (dual)
Load regulation: ±.5% max.
(1/2 to Full) ± 2% max.
Temp. coef.: ± .05%/degree C
Ripple & noise(20Mhz BW): 1% pp max.
Min. Load: 10% of Full Load
Short circuit protection: foldback

General Specifications

Efficiency: up to 81%
Isolation voltage: 500 Vdc
Isolation Resistance: 1000 Mohms
Operating temp.: -25 to +71 'C
Storage temp.: -55 to +125 'C
Case type: Six-sided continuous metal shielding
Size: 2" x 2" x .4"

PIN	Function	
	Single	Dual
1	+ Vin (input)	+ Vin (input)
2	- Vin (input)	- Vin (input)
3	+Vout (output)	+ Vout (output)
4	Trim	Common
5	- Vout (output)	- Vout (output)

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

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