Intronics Power ®

DC1800 Series

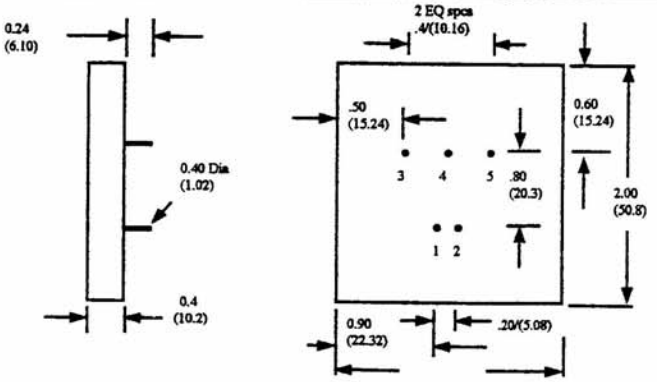
25 Watt Single Dual Triple & 3.3V Output DC-DC Converters

DOUBLE POWER 2"x2" Pkg



NEW!!

Model No.	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA)
DC1811	9-18	5	5000
DC1812	9-18	12	2000
DC1813	9-18	15	1500
DC1821	18-36	5	5000
DC1822	18-36	12	2000
DC1823	18-36	15	1500
DC1831	36-72	5	5000
DC1832	36-72	12	2000
DC1833	36-72	15	1500
DC1818	9-18	±12	±1000
DC1819	9-18	±15	±750
DC1828	18-36	±12	±1000
DC1829	18-36	±15	±750
DC1838	36-72	±12	±1000
DC1839	36-72	±15	±750
DC1810	9-18	3.3	7.5
DC1820	18-36	3.3	7.5
DC1830	36-72	3.3	7.5



Features

- Full 2:1 / 4:1 input range
- Low profile 0.4" HIGH package
- Short Ckt & Overvoltage protected
- Fully regulated
- Low output ripple & noise
- High reliability
- Input/output isolation

Input/Ouput Specifications

- Input filter: Pi Network
- Undervoltage Shutoff: 8Vdc
- Outpur voltage accuracy: +/- 3%
- Line regulation: +/- 1% max.
- Load regulation: +/- 2% max.
- Temp. coef.: +/- .05%/degree C
- Ripple & noise: 1% pp max. (20MHz BW)
- 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

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

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