DRD SERIES - DUAL OUTPUT, 2 WATT

DESCRIPTION

DRD dual output DC/DC converters offer excellent regulation and isolation in an industry standard package. Available in several input versions, the DRD is perfect for industrial, datacom, or telecom applications. The DRD features short circuit protection and 500 VDC isolation. Please see the DRS series for single output applications.

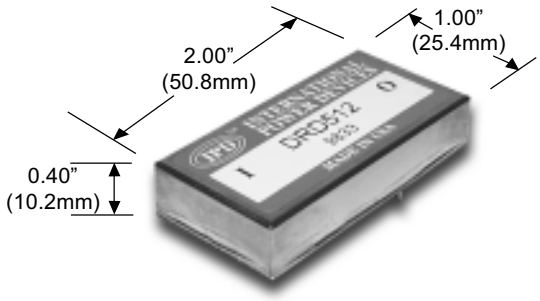
Selection Chart

Model	Input Range VDC	Output VDC	Output Current
DRD512	4.65 - 5.50	±12	±0.080
DRD515	4.65 - 5.50	±15	±0.065
DRD1212	10.90 - 13.2	±12	±0.080
DRD1215	10.90 - 13.2	±15	±0.065
DRD2412	21.60 - 26.40	±12	±0.080
DRD2415	21.60 - 26.40	±15	±0.065
DRD2812	25.20 - 30.80	±12	±0.080
DRD2815	25.20 - 30.80	±15	±0.065
DRD4812	43.20 - 52.80	±12	±0.080
DRD4815	43.20 - 52.80	±15	±0.065

Note: For model options, see the last page of this file.

FEATURES

- Industry Standard Package
- Industry Standard Pinout
- 85°C Case Operation
- Short Circuit Protection
- 5V, 12V, 24V, 28V, and 48V Inputs
- Input Pi Filter
- 6-Sided Shielding
- Regulated Outputs
- 500V Isolation



OPTIONS

When ordering equipment options, use the following suffix information. Select the option(s) that you prefer and add them to the model number. Example ordering options are located below the options table.

OPTION	SUFFIX	APPLICABLE SERIES	REMARKS
Negative Logic	N	HAS, HBD, HBS, HES, LES, QBS, QES, TES, TQD	TTL "Low" Turns Module ON TTL "High" Turns Module OFF
Lucent Compatible Trim	T	HAS, HBD, HBS, HES, QBS, QES	
Terminal Strip	TS	XWS, XWD, XWT	
Trim	1	IAS, LES	
Enable	2	IAD, IAS, LES, SMS	
Trim and Enable	3	IAS, LES	
Current Share	4	SMS	
Headerless	Y	Encapsulated EWS, IWS, OWS	
PIN LENGTH AND HEATSINK OPTIONS			Standard Pin Length is 0.180" (4.6mm)
0.110" (2.8mm) Pin Length	8	All Units (Except SMS)	
0.150" (3.8mm) Pin Length	9	All Units (Except SMS)	
0.24" (6.1mm) Horizontal Heatsink	1H	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad
0.24" (6.1mm) Vertical Heatsink	1V	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad
0.45" (11.4mm) Horizontal Heatsink	2H	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad
0.45" (11.4mm) Vertical Heatsink	2V	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad
0.95" (24.1mm) Horizontal Heatsink	3H	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad
0.95" (24.1mm) Vertical Heatsink	3V	All Units (Except DIP, SIP, and SM Packages)	Includes Thermal Pad

Example Options: HBS050ZG-ANT3V = HBS050ZG-A with negative logic, Lucent compatible trim, and 0.95" vertical heatsink.
LES015YJ-3N = LES015YJ with optional trim and enable, negative logic.
QBS066ZG-AT8 = QBS066ZG-A with Lucent compatible trim and 0.110" pin length.

NUCLEAR AND MEDICAL APPLICATIONS Power-One products are not authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the President of Power-One, Inc.

TECHNICAL REVISIONS The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.