

DRD SERIES - DUAL OUTPUT, 2 WATT

DESCRIPTION

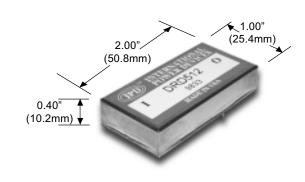
DRD dual output DC/DC converters offer excellent regulation and isolation in an industry standard package. Available in several input versions, the DRD is perfect for industrial, datacom, or telecom applications. The DRD features short circuit protection and 500 VDC isolation. Please see the DRS series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

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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.