



Dimensions: 1.25" (31.8mm) x 0.80" (20.3mm) x 0.40" (10.2mm)

Features

- Industry-standard DIP Package
- Industry-standard pinout
- 85°C case operation
- Short-circuit protection
- 5V input
- Input LC filter
- Regulated outputs
- 500V isolation

Description

BRD dual-output DC-DC converters offer excellent regulation and isolation in an industry-standard DIP package. The 5V input BRD is ideal for industrial and EDP applications. The BRD features short-circuit protection and 500 VDC isolation. Please see the BRS Series for single-output applications.

Model Selection

MODEL	INPUT VOLTAGE RANGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (AMPS)
BRD505	4.65 - 5.5	± 5	± 0.100
BRD512	4.65 - 5.5	± 12	± 0.085
BRD515	4.65 - 5.5	± 15	± 0.070

Model numbers highlighted in yellow or shaded are not recommended for new designs.

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 respective divisional 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.