



#### Features

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

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

#### Description

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

#### Model Selection

| MODEL         | INPUT VOLTAGE<br>RANGE (VDC) | OUTPUT<br>VOLTAGE (VDC) | OUTPUT<br>CURRENT (AMPS) |
|---------------|------------------------------|-------------------------|--------------------------|
| <b>BRS505</b> | 4.65 - 5.5                   | 5                       | 0.300                    |
| <b>BRS509</b> | 4.65 - 5.5                   | 9                       | 0.200                    |
| <b>BRS512</b> | 4.65 - 5.5                   | 12                      | 0.150                    |
| <b>BRS515</b> | 4.65 - 5.5                   | 15                      | 0.150                    |

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

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