



### Features:

- Dual or Single Output
- Regulated Output
- Efficiency up to 86%
- 1500Vdc Isolation
- 3 Year Warranty



### Specification

|                       |                          |
|-----------------------|--------------------------|
| <b>Input Voltage</b>  | <b>9-75Vdc</b>           |
| Output Power (Watts)  | 0-4W                     |
| Operating Temperature | -40°C to 75°C            |
| Storage Temperature   | -40°C to 125°C           |
| Relative Humidity     | 0-95%                    |
| Dimensions (WxLxH)    | 20.3mm X 31.8mm X 10.2mm |

### Output Voltage and Current Rating Chart

| Model Number | Input Voltage              | Output Voltage | Output Current |          | Efficiency (Typ.) | Cap. Load |
|--------------|----------------------------|----------------|----------------|----------|-------------------|-----------|
|              |                            |                | Min            | Max      |                   |           |
| AMB04A-101   | 9-18Vdc<br>(Nominal: 24V)  | 3.3Vdc         | 45mA           | 900mA    | 80%               | 3300      |
| AMB04A-102   |                            | 5Vdc           | 33mA           | 660mA    | 81%               | 3300      |
| AMB04A-105   |                            | 12Vdc          | 17mA           | 335mA    | 85%               | 3300      |
| AMB04A-106   |                            | 15Vdc          | 14mA           | 270mA    | 85%               | 3300      |
| AMB04A-202   |                            | +/-5Vdc        | +/-17mA        | +/-330mA | 81%               | 1000      |
| AMB04A-205   |                            | +/-12Vdc       | +/-9mA         | +/-168mA | 85%               | 1000      |
| AMB04A-206   |                            | +/-15Vdc       | +/-7mA         | +/-135mA | 85%               | 1000      |
| AMC04A-101   | 18-36Vdc<br>(Nominal: 48V) | 3.3Vdc         | 45mA           | 900mA    | 80%               | 3300      |
| AMC04A-102   |                            | 5Vdc           | 33mA           | 660mA    | 81%               | 3300      |
| AMC04A-105   |                            | 12Vdc          | 17mA           | 335mA    | 85%               | 3300      |
| AMC04A-106   |                            | 15Vdc          | 14mA           | 270mA    | 85%               | 3300      |
| AMC04A-202   |                            | +/-5Vdc        | +/-17mA        | +/-330mA | 81%               | 1000      |
| AMC04A-205   |                            | +/-12Vdc       | +/-9mA         | +/-168mA | 85%               | 1000      |
| AMC04A-206   |                            | +/-15Vdc       | +/-7mA         | +/-135mA | 85%               | 1000      |
| AMD04A-101   | 36-75Vdc<br>(Nominal: 48V) | 3.3Vdc         | 45mA           | 900mA    | 80%               | 3300      |
| AMD04A-102   |                            | 5Vdc           | 33mA           | 660mA    | 81%               | 3300      |
| AMD04A-105   |                            | 12Vdc          | 17mA           | 335mA    | 85%               | 3300      |
| AMD04A-106   |                            | 15Vdc          | 14mA           | 270mA    | 85%               | 3300      |
| AMD04A-202   |                            | +/-5Vdc        | +/-17mA        | +/-330mA | 81%               | 1000      |
| AMD04A-205   |                            | +/-12Vdc       | +/-9mA         | +/-168mA | 85%               | 1000      |
| AMD04A-206   |                            | +/-15Vdc       | +/-7mA         | +/-135mA | 85%               | 1000      |