Features:
- Specifically designed for demanding military and aerospace applications where best value is critical.
- High efficiency
- No external components required
- Fully isolated design
- Magnetic feedback - no optocouplers used
- Input ripple current inductor
- Output common mode spike filter
- "Inhibit-not" function
- Power on soft start
- Short circuit protection
- Best value is critical.

Specifications:

**INPUT:**
- 9 to 50 VDC nominal
- 16 to 50 VDC full power
- Survives 80 V Surge
- Power derates to 80% at 9 VDC, full power at 16 VDC

**ISOLATION:**
- Input to case: 500 VDC
- Input to output: 500 VDC
- Output to case: 500 VDC

**ENVIROMENT:**
- Storage temperature: -55°C to +150°C
- Shock: 50 G's
- Acceleration: 500 G's
- Vibration: 30 G's

**Grades:**
- Industrial:
  - Full Power Output at $T_{case} = +85°C$
  - Linearity derates to zero at $T_{case} = +115°C$
- Military:
  - Full Power Output at $T_{case} = +85°C$
  - Linearity derates to zero at $T_{case} = +115°C$
- Extended Temperature:
  - Full Power Output at $T_{case} = +125°C$
  - Linearity derates to zero at $T_{case} = +135°C$

**WEIGHT:** 20 grams typical

**Part Numbering System**

<table>
<thead>
<tr>
<th>Series and Power</th>
<th>Grade</th>
<th>Config</th>
<th>Voltage</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 4 5 6 G</td>
<td>C</td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
</tbody>
</table>

**Case Style 18 Seam Weld**

**Case Style 19 Soldered Sealed**

Notes:
- Up to 90% full power available from either output if rated output power is not exceeded.
- Balanced load conditions.

**Your Custom Requirement Here**

**Notes:**
- Baseplate is recommended heat removal surface.