**RL-9400**  
**FLYBACK TRANSFORMER**  
**FOR TEXAS INSTRUMENTS RD-184**  
**(FORMALLY NATIONAL SEMICONDUCTOR)**  
**(LM5001)**

**DESCRIPTION**  
- Flyback Transformer

**ENVIRONMENTAL DATA**  
- Storage temperature range: -55°C to +130°C
- Operating ambient temperature range: -40°C to +85°C

**PACKAGING INFORMATION**  
- 750 pieces per 13” reel  
  Plastic Tape: 24 mm wide, 0.5 mm thick  
  12 mm pocket spacing, 5.8 mm pocket depth

**MECHANICAL DIMENSIONS**  
U.S. Standard (mm)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>A (MAX.)</th>
<th>B (MAX.)</th>
<th>C</th>
<th>D (MAX.)</th>
<th>E (REF.)</th>
<th>F (MAX.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL-9400</td>
<td>0.275 (6.98)</td>
<td>0.023 (0.60)</td>
<td>0.072 (1.85)</td>
<td>0.225 (5.71)</td>
<td>0.259 (6.60)</td>
<td>0.325 (8.25)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.043 (1.09)</td>
<td>0.343 (8.71)</td>
<td>0.072 (1.85)</td>
<td>0.061 (1.56)</td>
<td>0.219 (5.56)</td>
</tr>
</tbody>
</table>

**ELECTRICAL SPECIFICATIONS**

- **INDUCTANCE L (1-3) =22.0μH±5%**
- **LEAKAGE INDUCTANCE Le (1-3) =200nH MAX**
- **SHORT PINS: 4, 5, 6**
- **DC RESISTANCE (OHMS) MAX**
  - DCR (1-3) =0.265 Ω
  - DCR (5-4) =2.10 Ω
- **HIPOT: APPLY 500 VDC FOR 2 SECS BETWEEN PINS 1 TO 4**
- **TURNS RATIO:**
  - PRIM: SEC =1.0:3.2:3.2

**NOTES:**
1. **INDUCTANCE AND LEAKAGE INDUCTANCE TESTED AT 600 kHz/0.1VAC**
2. **ELECTRICAL SPECIFICATIONS MEASURED AT 25°C**