Flyback Transformer
For DC-DC converters based on Power Integrations DPA423G

1. When ordering, please specify a packaging code:
   - **DA2062-AL**: D = 13” machine ready reel. EIA-481 embossed plastic tape (400 per full reel).
   - **B**: Less than full reel. In tape, but not machine ready.
     To have a leader and trailer added ($25 charge), use code letter D instead.

2. Inductance is for the primary, measured at 375 kHz, 0.6 Vrms, 0 Adc.
3. Peak primary current drawn at minimum input voltage.
4. Leakage inductance is for the primary and is measured with secondary windings shorted.
5. Turns ratio is with the secondary windings connected in parallel.
6. Output of the secondary is with the windings connected in parallel. Bias winding output is 14 V.
7. Electrical specifications at 25°C. Refer to Doc 362 “Soldering Surface Mount Components” before soldering.

### Parts specifications

<table>
<thead>
<tr>
<th>Part number</th>
<th>Inductance at 0 Adc</th>
<th>Inductance at Ipkr</th>
<th>DCR max</th>
<th>Leakage inductance</th>
<th>Turns ratios</th>
<th>Ipkr</th>
<th>Secondary output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA2062-AL_</td>
<td>120</td>
<td>97</td>
<td>0.475</td>
<td>3.0</td>
<td>1 : 0.1</td>
<td>0.64</td>
<td>3.3 V, 2 A</td>
</tr>
</tbody>
</table>

### Core material
- Ferrite

### Terminations
- RoHS tin-silver over tin over nickel over phos bronze.
- Other terminations available at additional cost.

### Weight
- 2.4 g

### Ambient temperature
- –40°C to +125°C

### Storage temperature
- Component: –40°C to +125°C.
- Tape and reel packaging: –40°C to +80°C

### Resistance to soldering heat
- Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

### Moisture Sensitivity Level (MSL)
- 1 (unlimited floor life at <30°C / 85% relative humidity)

### Failures in Time (FIT) / Mean Time Between Failures (MTBF)
- 38 per billion hours / 26,315,789 hours, calculated per Telcordia SR-332

### PCB washing
- Tested to MIL-STD-202 Method 215 plus an additional aqueous wash. See Doc787_PCB_Washing.pdf.

### Recommended Land Pattern

- Recommended dimensions are in inches and mm.
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Specification subject to change without notice.
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