Gate Drive Transformer  AGDT-3738

- 8 Pin Surface Mount
- XDSL / Gate and Drive transformer applications
- Industrial Operating Temperature range: -40°C to +85°C
- Reflow Condition: Maximum reflow temperature is 250°C/-5°C for 20-40 seconds
  (Refer to IPC/JEDEC J-STD-02C Standard)

**Electrical Specifications @25°C**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turn Ratio</td>
<td>1:1±2%</td>
</tr>
<tr>
<td>Inductance</td>
<td>1.2mH min</td>
</tr>
<tr>
<td>Leakage Inductance</td>
<td>0.60μH max</td>
</tr>
<tr>
<td>DCR</td>
<td>0.91Ω max</td>
</tr>
<tr>
<td>HI-POT</td>
<td>1500VAC</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**

- Uint : mm/inch
  - A=8.38/0.330
  - B=5.84/0.230
  - C=7.49/0.295
  - D=7.62/0.300
  - E=2.54/0.100
  - F=8.64/0.340
  - G=1.83/0.072
  - PDA-A=7.62/0.300
  - PDA-B=2.54/0.100
  - PDA-C=7.37/0.290
  - PDA-D=1.40/0.055
  - PDA-E=1.40/0.055

- Marking:
  - YYWW=DATE CODE, YY=YEAR; WW=WEEK
  - AGDT-3738

- Packaging: 450pcs Reel

**SCHEMATICS**

Unless otherwise specified, all tolerance are ± 0.25mm / 0.010