**Features**

- Designed to meet the CCITT 1.430 pulse waveform template requirement
- Low leakage inductance
- 1.5 kVrms HIPOT PRI/SEC in conformance with international safety standards
- Weight - 8 g
- Operating temperature 0 °C to +70 °C

**RoHS compliant**

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**PT233 Series - ISDN S-Interface Isolation Transformers**

**Electrical Specifications @ 25 °C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio (±2 %)</th>
<th>Primary Inductance (mH min.)</th>
<th>Primary Leakage Inductance (µH max.)</th>
<th>Pri DCR (Ω±15 %)</th>
<th>Sec DCR (Ω±15 %)</th>
<th>Package Schematic</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT23301L</td>
<td>1:2</td>
<td>20</td>
<td>30</td>
<td>1.2</td>
<td>11.0</td>
<td>A</td>
</tr>
<tr>
<td>PT23302L</td>
<td>1:2.5</td>
<td>22</td>
<td>20</td>
<td>2.8</td>
<td>6.5</td>
<td>A</td>
</tr>
<tr>
<td>PT23303L</td>
<td>1:1.8</td>
<td>22</td>
<td>20</td>
<td>2.8</td>
<td>5.5</td>
<td>A</td>
</tr>
<tr>
<td>PT23321L</td>
<td>1:2</td>
<td>20</td>
<td>15</td>
<td>3.0</td>
<td>4.5</td>
<td>B</td>
</tr>
</tbody>
</table>

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**Product Dimensions**

**A**

**B**

**Electrical Schematic**

**Packaging Specifications**

Package A............................. 55pcs./tray
Package B ........................... 45 pcs./tray

**How To Order**

Model  
PT2330x or PT23321 L  
Termination  
L = Tin only (RoHS Compliant)

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Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.

REV. 05/13

This series is OBSOLETE and not recommended for new designs.