CSE5-100201

**Description:**
- EE5 Surface mounting design
- Height: 5.3mm Max
- Optimal performance at 250 kHz and above
- Primary Current Rating: 10 amps
- Insulation Resistance: 10MΩ Minimum
- Operating Temperature Range: -15°C to +105°C
- Custom designs available
- Energy Time (E.T.) = 10.8V µS Max

**Application:**
- Ac current detection
- Output supply for control circuit
- Switching Power Supply

**Electrical Specifications @ 25C**

<table>
<thead>
<tr>
<th>Turns N1:N2</th>
<th>Secondary Min Inductance (µH)</th>
<th>Secondary Max DCR (mΩ)</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:20</td>
<td>80</td>
<td>550</td>
<td>WHT BLK</td>
</tr>
</tbody>
</table>

**Mechanical:**
- Copper Plate: 1.8mm Ø0.2
- Recommended Pad Layout (mm):
  - Bottom View: 0.55, 2, 2.5, 2.7
- Carrier Dimension: P=12mm, W=16mm, c=7.5mm
- Quantity per reel=750pcs

**Schematic:**
- Bottom View
- Recommended Pad Layout (mm)

**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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