# IFT COILS < SMD Type: CP Series>

## Type: CP55

**Product Description**
- 6.2 x 5.9mm Max. (L x W), 5.5mm Max. Height.
- Inductance range: 1mH, Max. reference unloaded Q: 50
- Operating frequency: 15MHz Max.
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.

**Feature**
- Low profile variable type of tight-space design.
- Internally assembled chip condenser is available.
- Ideally used in automotive tuner units of high reliabilities.
- RoHS Compliance

**Dimensions (mm)**

**Connection (Bottom)**

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* Dimension does not include solder used on coil.
* Pin pitch shall be measured at the root of terminal.
* Dimension without tolerance are approx.
```

## Specification

<table>
<thead>
<tr>
<th>NO.</th>
<th>Part No.</th>
<th>Stamp</th>
<th>Wire (UEW)</th>
<th>Inductance [Variable]</th>
<th>Unloaded Q [MIN.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>CP55-T3Ø6-NP</td>
<td>06</td>
<td>0.10</td>
<td>4.7μH ±3%</td>
<td>45</td>
</tr>
<tr>
<td>02</td>
<td>CP55-T3Ø7-NP</td>
<td>07</td>
<td>0.10</td>
<td>6.8μH ±3%</td>
<td>40</td>
</tr>
<tr>
<td>03</td>
<td>CP55-T3Ø8-NP</td>
<td>08</td>
<td>0.07</td>
<td>10μH ±3%</td>
<td>45</td>
</tr>
</tbody>
</table>