Abracon introduces multiple series of next generation power inductors optimized for a wide range of applications from high power automotive and industrial grade to medium power low profile solutions down to ultra-compact wearable devices, and IoT. The product line features miniature chip inductors in packages as small as 1.6 x 0.8 x 0.8mm with RMS current carrying up to 5A and automotive grade inductors with up 118A of saturation current. The automotive grade inductors support AEC-Q200 grade 0 or 1 (-55°C to 155°C or -40°C to +125°C), PPAP level 3 and TS-16949 qualified manufacturing.

**WHERE SIZE MEETS POWER**

New Power Inductor Series

**APPLICATIONS**
- Industrial Applications
- Energy Efficient Lighting
- Battery Operated Devices
- Medical & Medical Monitoring
- DC/DC Converters & Switch Mode Power Supplies

**AUTOMOTIVE**
- Navigation
- Body Electronics & Comfort System
- Infotainment & Entertainment

**CURRENT RANGE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (A)</th>
<th>Inductance Range (µH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPI-U</td>
<td>1.30 - 10.0</td>
<td>0.12 - 4.70</td>
</tr>
<tr>
<td>ASPI-M</td>
<td>1.30 - 8.0</td>
<td>0.24 - 10.0</td>
</tr>
<tr>
<td>ASPIAIG-F1x</td>
<td>2.50 - 118.0</td>
<td>0.47 - 4.70</td>
</tr>
<tr>
<td>ASPIAIG-S4035</td>
<td>1.40 - 36.0</td>
<td>0.10 - 8.20</td>
</tr>
<tr>
<td>ASPIAIG-Q(LR)4020</td>
<td>1.50 - 33.0</td>
<td>0.15 - 82.0</td>
</tr>
<tr>
<td>ASMPL</td>
<td>1.10 - 3.60</td>
<td>0.22 - 2.20</td>
</tr>
<tr>
<td>ASMPM</td>
<td>2.0 x 1.25 x 0.5</td>
<td></td>
</tr>
<tr>
<td>ASMPM</td>
<td>2.0 x 1.6 x 1.0</td>
<td></td>
</tr>
<tr>
<td>ASMPM</td>
<td>1.6 x 0.8 x 0.5</td>
<td></td>
</tr>
</tbody>
</table>

**COMPACT**

**MINIATURE**