Planar Inductors for the PQ20, 26, 32 Sizes
0.4-6.0µH, 80A max

Contact Information:
Standex-Meder Electronics
World Headquarters
4538 Camberwell Road
Cincinnati, OH 45209 USA

Standex Americas (OH)
+1.866.STANDEX
(+1.866.782.6339)
info@standexelectronics.com

Standex-Meder Americas (MA)
+1.800.870.5385
salesusa@standexmeder.com

Standex-Meder Asia (Shanghai)
+86.21.37820625
salesasia@standexmeder.com

Standex-Meder Europe (Germany)
+49.7731.8399.0
info@standexmeder.com

Planar magnetics have a better power density and performance compared to equivalent wire wound transformer designs.
- Standex-Meder has multiple manufacturing facilities around the world including TS16949 and AS9100 certified and ITAR registered sites.
- Standex-Meder specializes in customizing designs to specific customer needs for a wide power range. Please contact us to provide the optimal solution for your application.
- Applications include but are not limited to: switching power supplies, DC/DC converters in distributed power systems, FPGA and low-profile high-current, high current POL converters, feedback control, overload sensing, load drop and shut down detection.
- Markets include Electronics, Telecommunications, Medical, Aerospace, Industrial, Automotive, Appliance and many others.

#### Standard PN Datasheet

<table>
<thead>
<tr>
<th>Catalog Part Number</th>
<th>Core Style</th>
<th>Height (mm)</th>
<th>Nom. Amps</th>
<th>Inductance (µH)</th>
<th>DCR (mΩ)</th>
<th>Nom.</th>
<th>Isat (A) typ 10% drop</th>
<th>20% drop</th>
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</thead>
<tbody>
<tr>
<td>PQ2007-0R4-70-G or T-R</td>
<td>PQ20</td>
<td>7</td>
<td>70</td>
<td>0.4</td>
<td>0.7</td>
<td>71</td>
<td>83</td>
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<tr>
<td>PQ2006-1R0-30-G or T-R</td>
<td>PQ20</td>
<td>6</td>
<td>30</td>
<td>1.0</td>
<td>1.0</td>
<td>35</td>
<td>39</td>
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<tr>
<td>PQ2007-2R2-25-G or T-R</td>
<td>PQ20</td>
<td>7</td>
<td>25</td>
<td>2.2</td>
<td>3.5</td>
<td>29</td>
<td>32</td>
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<tr>
<td>PQ2007-4R4-15-G or T-R</td>
<td>PQ20</td>
<td>7</td>
<td>15</td>
<td>4.4</td>
<td>3.6</td>
<td>16</td>
<td>18</td>
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<tr>
<td>PQ2613-1R0-80-G or T-R</td>
<td>PQ26</td>
<td>13</td>
<td>80</td>
<td>1.0</td>
<td>1.2</td>
<td>110</td>
<td>120</td>
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<tr>
<td>PQ3213-0R9-70-G or T-R</td>
<td>PQ32</td>
<td>13</td>
<td>70</td>
<td>0.9</td>
<td>1.0</td>
<td>100</td>
<td>110</td>
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<tr>
<td>PQ3218-3R3-70-G or T-R</td>
<td>PQ32</td>
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<td>70</td>
<td>3.3</td>
<td>1.1</td>
<td>74</td>
<td>80</td>
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<tr>
<td>PQ3218-6R0-50-G or T-R</td>
<td>PQ32</td>
<td>18</td>
<td>50</td>
<td>6.0</td>
<td>1.5</td>
<td>51</td>
<td>57</td>
<td></td>
</tr>
</tbody>
</table>

Notes: All Electrical Values at 25°C | Pri: Sec’y: Core Isolation 300 Vrms | Maximum Non-Operating Temperatures: -55°C to +180°C | Maximum Operating Rated Temperatures: -30°C to +125°C

Example

```
P Q 2 0 0 7  -  0 R 4  -  7 0  -  G  -  R
```

Core style and size
Typical height in mm
Min. Inductance in "µH"
"R" = decimal point
Typical Amp rating
Terminal style: "G" = SMT
"T" = Through hole tabs
Optional packaging: "R" = Tape & Reel

www.standexmeder.com
Mechanical Dimensions in mm – Planar Inductors for the PQ20,26,32 Sizes | 0.4-6.0µH, 80A max

- PQ2007-0R4-70-G | 0.4 µH
  - Dimensions: 21.25x14.0x8.2
  - Maximum current: 2.20 MAX

- PQ2007-2R2-25-G | 2.2 µH
  - Dimensions: 21.25x14.0x8.2
  - Maximum current: 2.20 MAX

- PQ2007-4R4-15-G | 4.4 µH
  - Dimensions: 21.25x14.0x8.2
  - Maximum current: 2.40 MAX

- PQ2006-IR0-30-G | 1.0 µH
  - Dimensions: 21.25x14.0x8.2
  - Maximum current: 1.70 MAX

- PQ2613-1R0-80-G | 1.0 µH
  - Dimensions: 26.50x14.0x8.5
  - Maximum current: 3.00 MAX

- PQ3213-0R9-70-G | 0.9 µH
  - Dimensions: 32.00x14.0x8.5
  - Maximum current: 1.80 MAX

- PQ3218-3R3-70-T | 3.3 µH
  - Dimensions: 32.00x14.0x8.5
  - Maximum current: 3.00 MAX

- PQ3218-6R0-50-T | 6.0 µH
  - Dimensions: 32.00x14.0x8.5
  - Maximum current: 1.80 MAX
Tape & Reel Dimensions in mm – Planar Inductors for the PQ20, 26, 32 Sizes

**PQ20XX**

**PQ26XX**

**PQ32XX**