**SMD SEMI SHIELDED POWER CHIP INDUCTOR**

**Allied Part Number**

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>Test Freq. MHz, 200mV</th>
<th>RDC (Ω) ±30%</th>
<th>Isat (A) (Max)</th>
<th>Irms (A) (Max)</th>
<th>Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCCV22-R50M-RC</td>
<td>0.5</td>
<td>20</td>
<td>1</td>
<td>51</td>
<td>2.080</td>
<td>1.840</td>
<td>B</td>
</tr>
<tr>
<td>PCCV22-1R5M-RC</td>
<td>1.5</td>
<td>20</td>
<td>1</td>
<td>83</td>
<td>1.520</td>
<td>1.440</td>
<td>C</td>
</tr>
<tr>
<td>PCCV22-2R2M-RC</td>
<td>2.2</td>
<td>20</td>
<td>1</td>
<td>159</td>
<td>1.088</td>
<td>1.072</td>
<td>E</td>
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<tr>
<td>PCCV22-3R3M-RC</td>
<td>3.3</td>
<td>20</td>
<td>1</td>
<td>220</td>
<td>0.880</td>
<td>0.848</td>
<td>F</td>
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<tr>
<td>PCCV22-4R7M-RC</td>
<td>4.7</td>
<td>20</td>
<td>1</td>
<td>330</td>
<td>0.736</td>
<td>0.720</td>
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<tr>
<td>PCCV22-100M-RC</td>
<td>10</td>
<td>20</td>
<td>1</td>
<td>580</td>
<td>0.496</td>
<td>0.464</td>
<td>I</td>
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<tr>
<td>PCCV22-150M-RC</td>
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<td>20</td>
<td>1</td>
<td>900</td>
<td>0.384</td>
<td>0.360</td>
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<td>PCCV22-220M-RC</td>
<td>22</td>
<td>20</td>
<td>1</td>
<td>1400</td>
<td>0.320</td>
<td>0.320</td>
<td>K</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**Features**

- Semi Magnetically Shielded
- High Current
- Low Magnetic Radiation
- Ultra Low Profile only 1.2mm

**Electrical**

**Inductance Range**: .5µH ~ 22µH (other values being added)

**Tolerance**: Available in 20%

**Operating Temp**: -40°C ~ +125°C

**Isat**: Current at which the Inductance will drop by no more than 30% of its initial value.

**Irms**: Based on a temp rise of ΔT = 40°C typical above Ambient Temp.

**Resistance to Soldering Heat**

Pre-Heat 150°C, 1 Min.

**Solder Composition**: Sn/Ag3.0/Cu0.5

**Solder Temp**: 260°C +/- 5°C for 10 sec

**Test Equipment**

(L): HP4287A + HP16197A

(RDC): Chroma MilliOhm Meter 16502

Current: HP4284A + HP42841A

**Physical**

**Packaging**: 2K per Tape and reel

**Marking**: As noted