PCFV32

**Features**
- Semi Magnetically Shielded
- High Current
- Low DC Resistance
- Ultra Low Profile, 1.20mm

**Electrical**
- **Inductance Range**: 2.2µH ~ 22µH (other values being added)
- **Tolerance**: Available in 20%
- **Operating Temp**: -55°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 ∆T = 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**: 2000 per Tape and Reel
- **Marking**: EIA Inductance Code

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### Dimensions:

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>Test Freq. MHz, 200mV</th>
<th>RDC (Ω)</th>
<th>Isat (A) (Max)</th>
<th>Irms (A) (Max)</th>
<th>Marking</th>
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<tbody>
<tr>
<td>PCFV32-2R2M-RC</td>
<td>2.2</td>
<td>20</td>
<td>1</td>
<td>.092</td>
<td>1890</td>
<td>1800</td>
<td>2R2</td>
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<td>1620</td>
<td>3R3</td>
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All specifications subject to change without notice.