SMD Square Air Core Inductors SQAC2929

Dimensions: mm

<table>
<thead>
<tr>
<th>Allied Part Number*</th>
<th>M1</th>
<th>M2</th>
<th>M3</th>
<th>M4</th>
<th>M5</th>
<th>M6</th>
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</thead>
<tbody>
<tr>
<td>SQAC2929-331N_-RC</td>
<td>10.29±0.381</td>
<td>7.49±0.254</td>
<td>7.24±0.254</td>
<td>9.53</td>
<td>8.26</td>
<td>2.29</td>
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<tr>
<td>SQAC2929-361N_-RC</td>
<td>11.30±0.381</td>
<td>7.49±0.254</td>
<td>7.24±0.254</td>
<td>10.54</td>
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<td>2.29</td>
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<tr>
<td>SQAC2929-391N_-RC</td>
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<td>7.49±0.254</td>
<td>7.24±0.254</td>
<td>11.56</td>
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<td>SQAC2929-431N_-RC</td>
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<td>7.24±0.254</td>
<td>12.45</td>
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<tr>
<td>SQAC2929-501N_-RC</td>
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<td>8.26</td>
<td>2.29</td>
</tr>
</tbody>
</table>

Features
- Excellent for high Q applications
- High SRF’s for high frequency applications
- High current capability
- Flat top cap for pick and place assembly
- RoHS & Halogen Free
- MSL Level 1

Electrical
- Impedance range: 330nH to 500nH
- Tolerance: available in 2% and 5%
- Test Frequency: 400MHz
- Operating Temp: -40ºC to +125ºC

Test Equipment
- (L/Q): HP4291B with HP16193
- (SRF): HP8753E or HP8720D

Physical
- Packaging: 2000 per 7” Reel
- Marking: None

RECOMMENDED REFLOW SOLDERING PROFILE

PRE-HEATING REFLOW COOLING

PRE-HEATING
- Time within 5ºC of Peak Temperature (30 Sec)

REFLOW
- Ramp-Up 3ºC/Sec Max
- Ramp-Down 6ºC/Sec Max

COOLING
- Time Above 217ºC
- Time Below 150ºC

Time (sec)

Temperature (ºC)

217
200
150
60-120s
60-150s

*L to complete part number, insert tolerance designator: G = ±2%, J = ±5%

All specifications subject to change without notice.