**NEW**

**R.F. TRANSFORMER**

- Designed for use in 50Ω and 100Ω wideband R.F. and fast rise time pulse applications.
- Temperature range: operating: 0 to +70°C, storage: -25 to +105°C.
- Characterized for pulse and wideband use at 50Ω impedance.
- Available in tubes or tape and reel.

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**ELECTRICAL SPECIFICATIONS @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio ±5%</th>
<th>Schematic Figure</th>
<th>Primary Inductance(1) μH (MIN)</th>
<th>Pulse Width μs for 50% Drop</th>
<th>Rise(2) Time (MAX) μs</th>
<th>Leakage Inductance (MAX) μH</th>
<th>Cw (MAX) pf</th>
<th>DCR (MAX) Ohms</th>
<th>Bandwidth for -3dB Loss</th>
<th>ET Product V-0.5 (MIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>65456</td>
<td>1:1 A</td>
<td></td>
<td>80</td>
<td>2.20</td>
<td>2.20</td>
<td>0.15</td>
<td>12</td>
<td>0.20</td>
<td>0.20</td>
<td>0.05</td>
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<tr>
<td>65457</td>
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<td>80</td>
<td>2.20</td>
<td>3.00</td>
<td>0.18</td>
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<td>0.20</td>
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<td>40</td>
<td>1.10</td>
<td>1.00</td>
<td>0.14</td>
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<td>0.16</td>
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<td>18</td>
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<td>0.20</td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Note:**
1. Pulse width at which 50% droop occurs and the inductance needed to maintain ~3dB low frequency loss.
2. Rise time corresponds to ~3dB loss at the high frequency cutoff.

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**MECHANICALS**

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**SCHEMATICS**

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Performance warranty of products offered on data sheet P921-10 is limited to the parameters specified. Data is subject to change without notice.

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