CX4002LNL
- SPLITTER, 2-WAY
- 5–1000MHz
- IMPEDANCE = 75 OHMS
- SURFACE MOUNT

ELECTRICAL SPECIFICATIONS: 25°C

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>4.5 MAX</td>
</tr>
</tbody>
</table>

ISOLATION:

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>17 MIN</td>
</tr>
</tbody>
</table>

INPUT RETURN LOSS:

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>17.5 MIN</td>
</tr>
</tbody>
</table>

PHASE UNBALANCE:

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>4 MAX MIN</td>
</tr>
</tbody>
</table>

OUTPUT RETURN LOSS:

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>18 MIN</td>
</tr>
</tbody>
</table>

PHASE UNBALANCE:

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ATTENUATION (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1000</td>
<td>0.8 MAX</td>
</tr>
</tbody>
</table>

NOTES: UNLESS OTHERWISE SPECIFIED
1. OPERATING TEMPERATURE: -40°C TO +85°C
2. STORAGE TEMPERATURE: -55°C TO +125°C
3. COMPLIANCE TO J-STD:
   - J-STD-002: SOLDERABILITY AT REFLOW PEAK TEMPERATURE OF 245°C
   - J-STD-020: MS1, NO MOISTURE SENSITIVE
   - J-STD-075: R6, 250°C MAXIMUM THROUGH REFLOW SOLDER
4. DIMENSIONS ARE IN INCHES.
   TOLERANCE:
   - .XX ±.01
   - .XXX ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFIX TO THE PART NUMBER. IE: CX4002LNL-T

SCHEMATIC

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MECHANICAL SPECIFICATIONS:

Pulse
CX4002LNL
DATE CODE CTRY ORIGIN

PIN 1 IDENTIFICATION

.310 MAX.

.210 MAX.

.10

.20

SUGGESTED PAD LAYOUT

.310

.130

.090

.050

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PRODUCT DESCRIPTION:
SPLITTER, 2-WAY, 5-1000MHz, FORWARD

SHEET: 2 OF 2
PART NO.: CX4002LNL
DATASHEET REV.: M11