**PART NUMBER CODING**

xPxCxx xLFBN-RC

**NUMBER OF ROWS**
- 1 = SINGLE ROW
- 2 = DUAL ROWS

**NUMBER OF POSITIONS**
(Contacts per row, 2 thru 40)

**PLATING**
P = Gold Flash Overall
T = Tin Overall

**INSULATOR MATERIAL**
P = PolyESTER, UL 94V-0.
*PROCESSING TEMPC. = 210°C FOR 5 SECS.
N = NYLON 66.
*PROCESSING TEMPC. = 260°C FOR 10 SECS.

**RECOMMENDED PCB LAYOUT**
- DUAL ROWS
- SINGLE ROW

**DIMENSIONS ARE IN INCHES[MM]**

**TOLERANCES:**
- Angular: ±.01 [.2]
- Surface Finish: 63 Ra
- Remove all burrs and sharp edges .010 max

**INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994**

**UNLESS OTHERWISE SPECIFIED:**
- Date
- Name
- Drawn
- Sheet
- Scale

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**FILE NAME:** Z:\COMPONENTS\Taiwan\TAiPEI-CALIFORNIA\TO CALIFORNIA (JEN)\ECO 2164 FOR APPROVAL\10492, P(n)xPxCxxLFBN-RC

**DESCRIPTION**
- 12/15/08

**PART NUMBER**
- xPxCxx xLFBN-RC

**REVISIONS**

<table>
<thead>
<tr>
<th>REV.</th>
<th>ECO. NO.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>BY</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>1869</td>
<td>UPDATE MAX CONTACT DEPTH, TOLERANCE &amp; NOTE, ADD SINGLE ROW PCB LAYOUT</td>
<td>12/23/2008</td>
<td>JH</td>
</tr>
<tr>
<td>F</td>
<td>2055</td>
<td>UPDATE MIN. CONTACT DEPTH TO 2.29mm (WAS 3.175), MAX. CONTACT DEPTH TO 6.00mm (WAS 6.05), INSULATOR WIDTH TO 2.50mm (WAS 2.54) FOR 1-ROW, 5.08mm (WAS 5.00) FOR 2-ROW</td>
<td>11/12/09</td>
<td>LH</td>
</tr>
</tbody>
</table>

**NOTES:**
- 1. Insulator Material: See Part Number Coding.
- 2. Contact Material: Phosphor Bronze.
- 3. Contact Plating: See Part Number Coding.
- 4. Current Rating: 3 Amps
- 5. Voltage Rating: 250V AC/DC
- 6. Insulator Resistance: 5000 Megohms Min.
- 7. Contact Resistance: 20 Millionms Max.
- 8. Dielectric Withstanding: 500V AC
- 9. Operating Temperature: -40°C TO +105°C

*Indicated temperature and time is for component insulator. Higher processing temperatures may be used, provided heat is applied from back side of PCB. Insulator does not exceed indicated temperature and time.