BB02-NN: 1.27mm x 1.27mm (0.05" x 0.05") BOX HEADER, SMD, DUAL ROW - 10 TO 80 CONTACTS

Specifications:
- Current Rating: 1.4 Amp
- Insulator Resistance: 1000 Megohms Min.
- Dielectric Withstanding: AC 300 V
- Contact Resistance: 20m Ohms Max.
- Operating Temperature: -40°C to +85°C
- Contact Material: Phosphor Bronze
- Insulator Material: Thermoplastic, UL 94V-0
- Standard: LCP
- Plating: Gold or Tin Over 30-500 Nickel
- Solderability: IR Reflow: 280°C for 10 Sec.
  Manual Solder: 380°C for 3-5 Sec

Mates With:
- Perfect Mating Parts: BB02-CN-BB02-CU
- Other Mating Parts: BB02-CL-BB02-CN (4.00mm Profile Only)

Note 1: Insulator, Mating Height and Pin Size Information

<table>
<thead>
<tr>
<th>Code</th>
<th>H Height</th>
<th>Mating Height</th>
<th>Pin Size A/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>9.0MM</td>
<td>5.4MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>B</td>
<td>9.6MM</td>
<td>6.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>C</td>
<td>10.2MM</td>
<td>6.6MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>D</td>
<td>11.8MM</td>
<td>7.2MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>E</td>
<td>11.8MM</td>
<td>7.8MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>F</td>
<td>13.5MM</td>
<td>8.4MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>G</td>
<td>12.2MM</td>
<td>9.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>H</td>
<td>14.2MM</td>
<td>10.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>J</td>
<td>15.2MM</td>
<td>11.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>L</td>
<td>17.6MM</td>
<td>14.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>M</td>
<td>18.8MM</td>
<td>15.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
<tr>
<td>N</td>
<td>15.6MM</td>
<td>12.0MM + SOCKET HEIGHT</td>
<td>0.36 / 0.42</td>
</tr>
</tbody>
</table>

- Contact Plating Options:
  - K = Gold Flash (Standard)
  - A = 10u" Gold on Contact/Gold Flash on Tail
  - B = 15u" Gold on Contact/Gold Flash on Tail
  - C = 30u" Gold on Contact/Gold Flash on Tail
  - T = Bright Tin
  - M = Matt Tin

- "H" Height Options:
  - X = See Note 1

- Packaging Options:
  - 3 = Tube (Standard)
  - 5 = Tube + Cap
  - 6 = Tape & Reel
  - 8 = Tape & Reel + Cap

- Locating Peg Options:
  - A = With Peg
  - B = Without Peg

HOW TO ORDER:
BB02 - NNX 1 - XXXX - X0000000

Dimensions:
- 1.27 X No of Contacts / 2 = 3.20 ± 0.30
- 1.27 X No of Contacts / 2+1.88 ± 0.15
- 1.27 ± 0.13
- 5.00 "A" Pin Size
- 0.40 ± 0.03
- 6.30 ± 0.30
- 0.70 ± 0.05

Recommended PCB Board SMD Layout:
- Tolerance: ±0.05