The AirBorn stackable compliant connector family is one of AirBorn’s solutions for high-density, board-to-board stacking applications. This connector family is available in 0.075” contact spacing and 100 Ω and 85 Ω differential serial buses.

- Wide variety of standard pin/tail lengths accommodate any board-to-board spacing
- 0.075” contact spacing
- Reliable “eye of the needle”-compliant section design eliminates soldering
- BeCu contacts (special high-conductivity, high-temperature alloy)
- Very robust socket contact (low-stress design)
- Individually repairable contacts
RC422 - Full Profile Board-to-Board Stackable Connector

Contact spacing: 0.075" (1.91 mm)

A full bodied high-density press-fit connector. Uses a patented female/compliant/male stacking contact system. Used in board-to-board stacking applications.

Please consult the AirBorn website for the latest revision of this document prior to beginning any design work.

www.airborn.com
(512) 863-5585
Contact customer service
Call 512-863-5585 x6400

Sample Part Number Format: RC422-052-211-4000

** Use with body style 442 or 422 only.
* Use with body style 422 only.

Materials and finishes:
- BeCu per ASTM B768 (BeCu C17410 brush alloy 174)
- Nickel-plated per QQ-N-290
- Gold per MIL-G-45204 over nickel per IAW QQ-N-290
- MOLDED INSULATOR: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
- HARDWARE: Stainless steel per ASTM A562, passivated per ASTM 967
- Guide Pin/Socket: BeCu per ASTM B196/197, nickel-plated per QQ-N-290

Note: AirBorn can manufacture special configurations to your exact specifications.

Performance:
- Contact Rating: 3 amperes
- Operating Temperature: -65°C to +125°C
- Insulation Resistance: 5,000 megohms minimum @ 500 VDC
- Durability: 500 connector mating cycles
- Contact Resistance: 3 to 5 milliohms (contact length-dependent)
- Contact Engagement Force: 4.0 oz (113 g) max; @113 g max
- Contact Separation Force: 0.5 oz (14 g) min; at 0.0226" dia. test pin
- Compliant Insertion Force: 22.5 lb (10.21 kg) max. per contact
- Compliant Removal Force: 4.5 lb (2.04 Kg) min. per contact

Materials and finishes:
- Contact:
  - BeCu per ASTM B768 (BeCu C17410 brush alloy 174)
  - Nickel-plated per QQ-N-290
- Molded Insulator:
  - Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
- Hardware:
  - Stainless steel per ASTM A562, passivated per ASTM 967
  - Guide Pin/Socket: BeCu per ASTM B196/197, nickel-plated per QQ-N-290

Please consult the AirBorn website for the latest revision of this document prior to beginning any design work.
RC422 - Bottom-of-Stack Board Mount Connector

Contact spacing: 0.075” (1.91 mm)

A full bodied high-density press-fit connector. Uses a patented female/compliant/male stacking contact system. Used at the bottom of the stack in board-to-board stacking applications.

**MATERIALS and FINISHES**

- **Contact:** BeCu per ASTM B768 (BeCu C17410 brush alloy 174)
- **Contact Finish:** Gold per MIL-G-45204 over nickel per IAW QQ-N-290
- **Molded Insulator:** Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
- **Hardware:** Stainless steel per ASTM A582, passivated per ASTM 967 Guide Pin/Socket: BeCu per ASTM B196/197, nickel-plated per QQ-N-290

**PERFORMANCE**

- **Contact Rating:** 3 amperes
- **Operating Temperature:** -65° C to +125° C
- **Insulation Resistance:** 5,000 megohms minimum @ 500 VDC
- **Durability:** 500 connector mating cycles
- **Contact Resistance:** 3 to 5 milliohms (contact length-dependent)
- **Contact Engagement Force:** 4.0 oz (113 g) max. w/0.0246” dia. test pin
- **Contact Separation Force:** 4.5 lb (20.4 Kg) min. per contact
- **Compliant Insertion Force:** 22.5 lb (10.21 Kg) max. per contact
- **Compliant Removal Force:** 4.5 lb (2.04 Kg) min. per contact

**MATED HEIGHT**

The connector body height is 0.300” and, when used with the -20 or -30 (0.270”) contact, the mounting is flush (board-bottom-mounted to connector top). This board-bottom to connector-top spacing can be modified based on the contact selected by approximately the difference in pin length (see Table 2 in top window).

**SI DATA – Differential 100 Ohm**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Diff. Insertion Loss</td>
<td>5.0 GHz @ -3 dB</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diff. Return Loss</td>
<td>2.0 GHz @ -8 dB</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>NEXT</td>
<td>4.0 GHz @ -25 dB</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>FEXT</td>
<td>4.0 GHz @ -35 dB</td>
<td></td>
</tr>
</tbody>
</table>

**Sample Part Number Format:** RC422-052-101-3000

- **RC422**
- **CONFIGURATION**
  - Series: Stackable, Compliant, Full-Profile
- **PLATING**
  - 1 – 50 µ” Au
- **CONTACT**
  - 10 - 0.095” Long
- **HARDWARE**
  - 30 - 0.195” Long (use with #10 contact)
- **TYPE**
  - 00 = None
  - FT = Female thread
- **VARIATION**
  - Blank = None
  - XXX = Consult factory

**NOTE:** AirBorn can manufacture special configurations to your exact specifications.

**Contact Customer Service**

CALL 512-863-5585 x6400
RC442 - Low Profile Board-to-Board Stackable Connector

Contact spacing: 0.075" (1.91 mm)

A low profile bodied, high-density press-fit connector. Uses a patented female/compliant/male stacking contact system. Used in board-to-board stacking applications.

Sample Part Number Format: RC442-052-311-4000

** Use with body style 442 or 422 only.

**Press-Fit Tail

MATED HEIGHT

The connector body height is 0.150" but the functional spacing (the bottom surface of the board, on which the connector is mounted, to the top of the connector below it) can be modified based on the contact/pin length selected (see Table 2 in top window).

MATERIALS and FINISHES

Contact: BeCu per ASTM B768 (BeCu C17410 brush alloy 174)
Contact Finish: Gold per MIL-G-45204 over nickel per IAW QQ-N-290
Molded Insulator: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
Hardware: Stainless steel per ASTM A582, passivated per ASTM 967

NOTE: AirBorn can manufacture special configurations to your exact specifications.

PERFORMANCE

Contact Rating: 3 amperes
Operating Temperature: -65°C to +125°C
Insulation Resistance: 5,000 megohms minimum @ 500 VDC
Durability: 500 connector mating cycles
Contact Resistance: 3 to 5 milliohms (contact length dependent)
Contact Engagement Force: 4.0 oz (113 g) max. w/0.0246" dia. test pin
Contact Separation Force: 0.5 oz (14 g) min. w/0.0226" dia. test pin
Compliant Insertion Force: 22.5 lb (10.21 Kg) max. per contact
Compliant Removal Force: 4.5 lb (2.04 Kg) min. per contact

NOTE: AirBorn can manufacture special configurations to your exact specifications.

SI DATA – Differential 100 Ohm

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Diff. Insertion Loss</td>
<td>5.0 GHz @ -3 dB</td>
</tr>
<tr>
<td>2</td>
<td>Diff. Return Loss</td>
<td>2.0 GHz @ -8 dB</td>
</tr>
<tr>
<td>3</td>
<td>NEXT</td>
<td>4.0 GHz @ -25 dB</td>
</tr>
<tr>
<td>4</td>
<td>FEXT</td>
<td>4.0 GHz @ -35 dB</td>
</tr>
</tbody>
</table>
RC4B2 - Bottom-of-Stack Cable Mating Connector (Female)

A full profile bodied female cable connector for use at the bottom of an RC board stack application.

Contact spacing: 0.075” (1.91 mm)

MATED HEIGHT
Connector body height is 0.475” and is designed to mount flush to the board bottom of the mating connector.

Sample Part Number Format: RC4B2-052-281-62ED

<table>
<thead>
<tr>
<th>Series</th>
<th>Configuration</th>
<th>Plating</th>
<th>Type</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC4B2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>PLATING</th>
<th>HARDWARE</th>
<th>VARIATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>028 – 4 Rows/7 Columns</td>
<td>1 – 50 µ&quot; Au</td>
<td>00 – None</td>
<td>Blank – None</td>
</tr>
<tr>
<td>052 – 4 Rows/13 Columns</td>
<td></td>
<td>58 – Guide socket, non-polarized</td>
<td>XXX – Consult factory</td>
</tr>
<tr>
<td>076 – 4 Rows/19 Columns</td>
<td></td>
<td>62 – Jacksocket, hex, turning</td>
<td></td>
</tr>
<tr>
<td>100 – 4 Rows/25 Columns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>128 – 4 Rows/32 Columns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>152 – 4 Rows/38 Columns</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plug Type</th>
<th>Color</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC4B2C-PNB-1F</td>
<td>Ten repeating White</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

MATERIALS and FINISHES
Contact: BeCu per ASTM B196 or B197 (BeCu alloy 172 or 173)
Contact Finish: Gold per MIL-G-45204 over nickel per QQ-N-290
Molded Insulator: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
Hardware: Stainless steel per ASTM A484/A484M and ASTM A582/A582M, passivated per SAE AMS-2700

**NOTES**
1. The RC4B2 connector is designed to mate with an RC422 connector using contact option -21 (0.270” long) and -39MT hardware. This contact length and hardware combination assures proper connector mating when using boards having a thickness of 0.058”–0.125”.
2. When guide hardware is required on the RC4B2 connector, use hardware option -3900 on the mating connector.
3. When jacksocket hardware is required on the RC4B2 connector, use hardware option -39MT on the mating connector.

**PERFORMANCE**
Contact Rating: 3 amperes
Operating Temperature: -65° C to +125° C
Insulation Resistance: 5,000 megohms minimum @ 500 VDC
Durability: 500 connector mating cycles
Contact Resistance: 3 to 5 milliohms (contact length dependent)
Contact Engagement Force: 4.0 oz (113 g) max. w/0.024” dia. test pin
Contact Separation Force: 0.5 oz (14 g) min. w/0.022” dia. test pin

www.airborn.com
(512) 863-5585
RC4C2 - Top-of-Stack Cable Mating Connector (Male)

Contact spacing: 0.075” (1.91 mm)
A full profile bodied male pre-wired cable connector for use at the top of an RC board stack application.

**MATED HEIGHT**
Connector body height is 0.325” and is designed to mount flush to the mating connector.

**NOTES**
* To use the -61 jackscrew hardware option, the fixed jacknut hardware (-XXFT) must be in place on the mating board connector.

**DIMENSIONS**

**PERFORMANCE**

**MATERIALS and FINISHES**
Contact: BeCu per ASTM B196 or B197 (BeCu alloy 172 or 173)
Contact Finish: Gold per MIL-G-45204 over nickel per QQ-N-290
Molded Insulator: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
Hardware: Stainless steel per ASTM A484/A484M and ASTM A582/A582M, passivated per SAE AMS-2700

**Sample Part Number Format: RC4C2-052-181-57ED**

**CONTACT**
18 – Pin, crimp, 26-24 AWG
19 – Pin, crimp, 30-28 AWG

**PLATING**
1 – 50 µ” Au

**HARDWARE**
00 – None
57 – Guide pin, non-polarized
61 – Jackscrew, hex, turning*

**TYPE and COLOR LENGTH**

**WIRE CODES**

**PLEASE CONSULT THE AIRBORN WEBSITE FOR THE LATEST REVISION OF THIS DOCUMENT PRIOR TO BEGINNING ANY DESIGN WORK.**
RC4C2 - Top-of-Stack Flex Circuit Mating Connector (Male)

Contact spacing: 0.075” (1.91 mm)

A full profile bodied flex-circuit-ready male connector for use at the top of an RC board stack application.

Sample Part Number Format: RC4C2-052-151-5700

- SERIES
  - Stackable
  - Compliant
  - Full-Profile
  - 4 Rows
  - 0.075” Spacing
  - Top-of-Stack
  - Cable Mate

- CONFIGURATION
  - 028 – 4 Rows/7 Columns
  - 052 – 4 Rows/13 Columns
  - 076 – 4 Rows/19 Columns
  - 100 – 4 Rows/25 Columns
  - 128 – 4 Rows/32 Columns
  - 152 – 4 Rows/38 Columns

- PLATING
  - 1 – 50 µ” Au

- CONTACT
  - 15 – Pin, flex circuit

- HARDWARE
  - 00 – None
  - 57 – Guide pin, non-polarized
  - 61 – Jackscrew, hex, turning*  

- VARIATION
  - Blank – None
  - XXX – Consult factory

MATED HEIGHT

Connector body height is 0.325” and is designed to mount flush to the mating connector.

MATERIALS and FINISHES

- Contact: BeCu per ASTM B166 or B197 (BeCu alloy 172 or 173)
- Contact Finish: Gold per MIL-G-45204 over nickel per QQ-N-290
- Molded Insulator: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
- Hardware: Stainless steel per ASTM A484/A484M and ASTM A582/A582M, passivated per SAE AMS-2700

NOTE: AirBorn can manufacture special configurations to your exact specifications.

PERFORMANCE

- Contact Rating: 3 amperes
- Operating Temperature: -65° C to +125° C
- Insulation Resistance: 5,000 megohms minimum @ 500 VDC
- Durability: 500 connector mating cycles
- Contact Resistance: 3 to 5 millicoms (contact length dependent)
- Contact Engagement Force: 4.0 oz (113 g) max. w/0.0246” dia. test pin
- Contact Separation Force: 0.5 oz (14 g) min. w/0.0226” dia. test pin

NOTES

* To use the -61 jackscrew hardware option, the fixed jacknut hardware (-XXFT) must be in place on the mating board connector.

www.airborn.com
(512) 863-5585

RC4C2F-PNB-1G
RC4C2 - Top-of-Stack Solder Cup Cable Mating Connector (Male)

Contact spacing: 0.075" (1.91 mm)

A full profile bodied male wire-ready connector for use at the top of an RC board stack application.

**MATERIALS and FINISHES**
- Contact: BeCu per ASTM B196 or B197 (BeCu alloy 172 or 173)
- Contact Finish: Gold per MIL-G-45204 over nickel per QQ-N-290
- Molded Insulator: Glass-filled polyphenylene sulfide (PPS) per MIL-M-24519
- Hardware: Stainless steel per ASTM A484/A484M and ASTM A582/A582M, passivated per SAE AMS-2700

**PERFORMANCE**
- Contact Rating: 3 amperes
- Operating Temperature: -65° C to +125° C
- Insulation Resistance: 5,000 megohms minimum @ 500 VDC
- Durability: 500 connector mating cycles
- Contact Resistance: 3 to 5 millicoms (contact length dependent)
- Contact Engagement Force: 4.0 oz (113 g) max. w/0.0246” dia. test pin
- Contact Separation Force: 0.5 oz (14 g) min. w/0.0226” dia. test pin

**NOTES**
* To use the -61 jackscrew hardware option, the fixed jacknut hardware (-XXFT) must be in place on the mating board connector.

Sample Part Number Format: RC4C2-052-111-6100

**SAMPLE**

Sample Part Number Format: RC4C2S-PNB-1G

RC4C2S-PNB-1G

A full profile bodied male wire-ready connector for use at the top of an RC board stack application.
RC 4-ROW DIMENSIONS

DIMENSIONS

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>1.014</td>
<td>0.784</td>
<td>0.450</td>
</tr>
<tr>
<td>52</td>
<td>1.464</td>
<td>1.234</td>
<td>0.900</td>
</tr>
<tr>
<td>76</td>
<td>1.914</td>
<td>1.684</td>
<td>1.350</td>
</tr>
<tr>
<td>100</td>
<td>2.364</td>
<td>2.134</td>
<td>1.800</td>
</tr>
<tr>
<td>128</td>
<td>2.889</td>
<td>2.659</td>
<td>2.325</td>
</tr>
<tr>
<td>152</td>
<td>3.339</td>
<td>3.109</td>
<td>2.775</td>
</tr>
<tr>
<td>200</td>
<td>4.239</td>
<td>4.009</td>
<td>3.675</td>
</tr>
<tr>
<td>252</td>
<td>5.214</td>
<td>4.984</td>
<td>4.650</td>
</tr>
<tr>
<td>300</td>
<td>6.114</td>
<td>5.884</td>
<td>5.500</td>
</tr>
</tbody>
</table>

TABLE 1

<table>
<thead>
<tr>
<th>CONTACT TERMINATION</th>
<th>CONTACT D</th>
<th>HARDWARE E</th>
</tr>
</thead>
<tbody>
<tr>
<td>201, 301</td>
<td>0.270</td>
<td>0.370</td>
</tr>
<tr>
<td>211, 311</td>
<td>0.300</td>
<td>0.400</td>
</tr>
<tr>
<td>221, 321</td>
<td>0.400</td>
<td>0.500</td>
</tr>
<tr>
<td>231, 331</td>
<td>0.500</td>
<td>0.600</td>
</tr>
<tr>
<td>241, 341</td>
<td>0.700</td>
<td>0.800</td>
</tr>
<tr>
<td>251, 351</td>
<td>0.800</td>
<td>0.900</td>
</tr>
<tr>
<td>261, 361</td>
<td>0.900</td>
<td>1.000</td>
</tr>
<tr>
<td>271, 371</td>
<td>0.600</td>
<td>0.700</td>
</tr>
<tr>
<td>281, 381</td>
<td>1.000</td>
<td>1.100</td>
</tr>
<tr>
<td>101</td>
<td>0.095</td>
<td>0.195</td>
</tr>
</tbody>
</table>

PWB-PLATED THRU-HOLE RECOMMENDATIONS:

Board material: FR-4 (or equivalent) with 1.0 oz. copper
Board thickness: 0.058" minimum
Drilled hole: Ø 0.033"  
Copper plating thickness: 0.0020"
Tin-lead plating thickness: 0.0005"
Finished hold diameter: Ø 0.028" (Ø 0.028" ±0.002" required)
Board Footprint and Dimensions

<table>
<thead>
<tr>
<th>SIZE</th>
<th>CONTACT ID</th>
</tr>
</thead>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>1.014</td>
<td>0.784</td>
<td>0.450</td>
</tr>
<tr>
<td>52</td>
<td>1.464</td>
<td>1.234</td>
<td>0.900</td>
</tr>
<tr>
<td>76</td>
<td>1.914</td>
<td>1.684</td>
<td>1.350</td>
</tr>
<tr>
<td>100</td>
<td>2.364</td>
<td>2.134</td>
<td>1.800</td>
</tr>
<tr>
<td>128</td>
<td>2.889</td>
<td>2.659</td>
<td>2.325</td>
</tr>
<tr>
<td>152</td>
<td>3.339</td>
<td>3.109</td>
<td>2.775</td>
</tr>
<tr>
<td>200</td>
<td>4.239</td>
<td>4.009</td>
<td>3.675</td>
</tr>
<tr>
<td>252</td>
<td>5.214</td>
<td>4.984</td>
<td>4.650</td>
</tr>
<tr>
<td>300</td>
<td>6.114</td>
<td>5.884</td>
<td>5.500</td>
</tr>
</tbody>
</table>

**PWB-PLATED THRU-HOLE RECOMMENDATIONS:**

- Board material: FR-4 (or equivalent) with 1.0 oz. copper
- Copper plating thickness: 0.0020”
- Board thickness: 0.058” minimum
- Tin-lead plating thickness: 0.0005”
- Drilled hole: Ø 0.033”
- Finished hold diameter: Ø 0.028” (Ø 0.028” ±0.002” required)
**RC 4-ROW DIMENSIONS**

### Determining the Required Termination Lead Length

To calculate the required termination lead length, use the example below. Measurements listed are in inches.

- Dimension A = 0.720
- \(0.720 - 0.300\) (insulator height) = 0.420
- \(0.420 + 0.114\) (minimum pin engagement) = 0.534
- \(0.420 + 0.214\) (maximum pin engagement) = 0.634

In this example, the termination option to choose is 0.600 lead length.

The contact termination option will be a length that falls between the calculated numbers resulting from using the minimum and maximum pin engagement.

### PWB-PLATED THRU-HOLE RECOMMENDATIONS:

- **Board material:** FR-4 (or equivalent) with 1.0 oz. copper
- **Board thickness:** 0.058" minimum
- **Drilled hole:** Ø 0.033"
- **Copper plating thickness:** 0.0020"
- **Tin-lead plating thickness:** 0.0005"
- **Finished hold diameter:** Ø 0.028" (Ø 0.028" ±0.002" required)
PWB-PLATED THRU-HOLE RECOMMENDATIONS:

- Board material: FR-4 (or equivalent) with 1.0 oz. copper
- Board thickness: 0.058” minimum
- Drilled hole: Ø 0.033”
- Copper plating thickness: 0.0020”
- Tin-lead plating thickness: 0.0005”
- Finished hold diameter: Ø 0.028” (Ø 0.028” ±0.002” required)
RC 4-ROW, BOTTOM-COMPLIANT DIMENSIONS

GUIDE SOCKET

#2-56 JACKSOCKET

HARDWARE STYLE 58

HARDWARE STYLE 62

PWB-PLATED THRU-HOLE RECOMMENDATIONS:

Board material: FR-4 (or equivalent) with 1.0 oz. copper
Board thickness: 0.058" minimum
Drilled hole: Ø 0.033"

Copper plating thickness: 0.0020"
Tin-lead plating thickness: 0.0005"
Finished hold diameter: Ø 0.028" (Ø 0.028" ±0.002" required)

DIMENSIONS

<table>
<thead>
<tr>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
</tr>
<tr>
<td>52</td>
</tr>
<tr>
<td>76</td>
</tr>
<tr>
<td>100</td>
</tr>
<tr>
<td>128</td>
</tr>
<tr>
<td>152</td>
</tr>
<tr>
<td>200</td>
</tr>
</tbody>
</table>

| LENGTH | 1.014 | 1.234 | 0.450 |
| 1.464 | 1.350 |
| 1.914 | 1.350 |
| 2.364 | 1.800 |
| 2.889 | 2.325 |
| 3.339 | 2.775 |
| 4.239 | 3.675 |
RC 4-ROW, BOTTOM-COMPLIANT DRAWINGS

PLUG CONNECTOR Requires "MT-Type" HARDWARE TO MATE WITH THE JACKING HARDWARE

RECEPTACLE CONNECTOR WITH TURNING JACKSOCKET

PWB-PLATED THRU-HOLE RECOMMENDATIONS:

- Board material: FR-4 (or equivalent) with 1.0 oz. copper
- Board thickness: 0.058" minimum
- Drilled hole: Ø 0.033"
- Copper plating thickness: 0.0020"
- Tin-lead plating thickness: 0.0005"
- Finished hold diameter: Ø 0.028" (Ø 0.028" ±0.002" required)
RC 4-ROW, TOP-COMPLIANT DIMENSIONS

PWB-PLATED THRU-HOLE RECOMMENDATIONS:

Board material: FR-4 (or equivalent) with 1.0 oz. copper
Board thickness: 0.058” minimum
Drilled hole: Ø 0.033”

Copper plating thickness: 0.0020”
Tin-lead plating thickness: 0.0005”
Finished hold diameter: Ø 0.028” (Ø 0.028” ±0.002” required)
PWB-PLATED THRU-HOLE RECOMMENDATIONS:

- Board material: FR-4 (or equivalent) with 1.0 oz. copper
- Board thickness: 0.058” minimum
- Drilled hole: Ø 0.033”
- Copper plating thickness: 0.0020”
- Tin-lead plating thickness: 0.0005”
- Finished hold diameter: Ø 0.028” (Ø 0.028” ±0.002” required)