# 1650 Series 2.54 mm SMT Female Header Dual Entry

## General specifications
- **Insulator material**: Nylon 6T, UL94V-0
- **Contact material**: Phosphor bronze
- **Current rating**: 3 A
- **Voltage rating**: 250 VAC
- **Contact resistance**: 20 mΩ max.
- **Insulator resistance**: 5000 MΩ min.
- **Dielectric withstanding**: 1000 VAC for 1 min
- **Operating temperature**: -40 °C to +105 °C
- **Soldering**: JEDEC lead free reflow soldering process

## Mating parts series
- 1510, 1511, 1515, 1530, 1560, 1630

## Mechanical dimensions

### Type A
- L1 = (No. of contacts - 1) x 2.54
- L2 = No. of contacts x 2.54

### Type B
- L1 = (No. of contacts - 1) x 2.54
- L2 = No. of contacts x 2.54

### Tolerances
- Linear: ± 0.20
- Ax: ± 0.20

## Part numbering guide

<table>
<thead>
<tr>
<th>1650 V</th>
<th>02</th>
<th>B</th>
<th>A</th>
<th>R</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>V = SMT vertical</td>
<td>No. of contacts</td>
<td>02 to 40</td>
<td>Contact plating</td>
<td>Position # 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B = Flashgold</td>
<td>A = Bottom right</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>E = 10 µm gold</td>
<td>T = Tin</td>
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<td></td>
<td></td>
<td>F = 15 µm gold</td>
<td>B = Top right</td>
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<td>J = 30 µm gold</td>
<td>T = Tube</td>
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<td></td>
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<td></td>
<td>M = w/ mylar foil</td>
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## Additional information
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