**SPECIFICATIONS**

- **Insulator Material:** Black Liquid Crystal Polymer
- **Contact Material:** Phosphor Bronze (A-FT5)
  - BeCu (A-FS5)
- **Weld Tab:** Phosphor Bronze
- **Plating:**
  - Au or Sn over
  - 50 µ" (1.27 µm) Ni
- **Current Rating:** 1.8 A per pin
  - (2 pins powered)
- **Operating Temp Range:** -55 °C to +125 °C
- **Lead-Free Solderable:** Yes

---

**MATED HEIGHT**

<table>
<thead>
<tr>
<th>A-FS5 LEAD STYLE</th>
<th>A-FTS LEAD STYLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-04.0 (5.00 mm)</td>
<td>-01.0 (3.72)</td>
</tr>
<tr>
<td>-03.0 (7.00 mm)</td>
<td>-03.0 (5.72)</td>
</tr>
</tbody>
</table>

*Processing conditions will affect mated height.

---

**Notes:**

- Contact system provides 0.50 mm float in X and Y directions.
- Some lengths, styles, and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications, and components are subject to change without notice.

---

Samtec shall only comply with IATF-16949 on products it certifies as Automotive Custom Design “ACD” or on those designated with “A-” Samtec part # prefix.

“ACD” products are designed to Samtec’s specifications not customers’ specifications. Contact autosalesgroup@samtec.com with questions.