LOW-PROFILE DUAL WIPE SOCKET

(1.27 mm) .050” PITCH • A-CLP SERIES

**A-CLP**

**-Mates:**
A-FTSH, A-FW

**SPECIFICATIONS**

**Insulator Material:**
Black Liquid Crystal Polymer

**Contact Material:**
Phosphor Bronze

**Plating:**
Sn or Au over 50 µ” (1.27 µm) Ni

**Current Rating (A-CLP/A-FTSH):**
3.4 A per pin

(2 pins powered)

**Voltage Rating:**
280 VAC/395 VDC

**Operating Temp Range:**
-55 °C to +125 °C

**Insertion Depth:**
Top Entry = (1.40 mm) .055” minimum
Bottom Entry = (2.41 mm) .095” minimum plus board thickness
DH Entry = (2.31 mm) .091” to (2.67 mm) .105”

**Normal Force:**
60 grams (0.59 N) average

**Max Cycles:**
100 with 10 µ” (0.25 µm) Au

**Lead-Free Solderable:**
Yes

**SMT Lead Coplanarity:**
(0.10 mm) .004” max (32-35)
(0.15 mm) .006” max (36-50)*
(0.43) .017

*0.004” stencil solution may be available; contact ipg@samtec.com

**PROCESSING**

**Lead-Free Solderable:**
Yes

**SMT Lead Coplanarity:**
(0.10 mm) .004” max (32-35)
(0.15 mm) .006” max (36-50)*
(0.43) .017

*0.004” stencil solution may be available; contact ipg@samtec.com

**ALSO AVAILABLE**

**MOQ Required**

Single row

Other platings

---

**Notes:**

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

---

**samtec.com/Automotive**