

(2,54mm) .100"

CLH SERIES

CLH-108-F-D-DV-P



CLH-120-F-D-BE



CLH-110-F-D-DV



# SMT LOW PROFILE SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?CLH](http://www.samtec.com?CLH)

**Insulator Material:**

Black Liquid Crystal Polymer



**Contact Material:**

Phosphor Bronze

**Operating Temp Range:**

-65°C to +125°C with Gold

-65°C to +105°C with Tin

**Plating:**

Au or Sn over

50µ" (1,27µm) Ni

**Contact Resistance:**

10 mΩ max

**Insertion Depth:**

(2,67mm) .105" to

(3,43mm) .135"

plug from top, (3,18mm) .125"

min plus board thickness plug

**Insertion Force:**

4.0oz (1,11N) average

**Normal Force:**

50 grams (0,48N)

**Withdrawal Force:**

1.1oz (0,31N) average

**Max Cycles:**

100 with 10µ" (0,25µm) Au

**RoHS Compliant:**

Yes

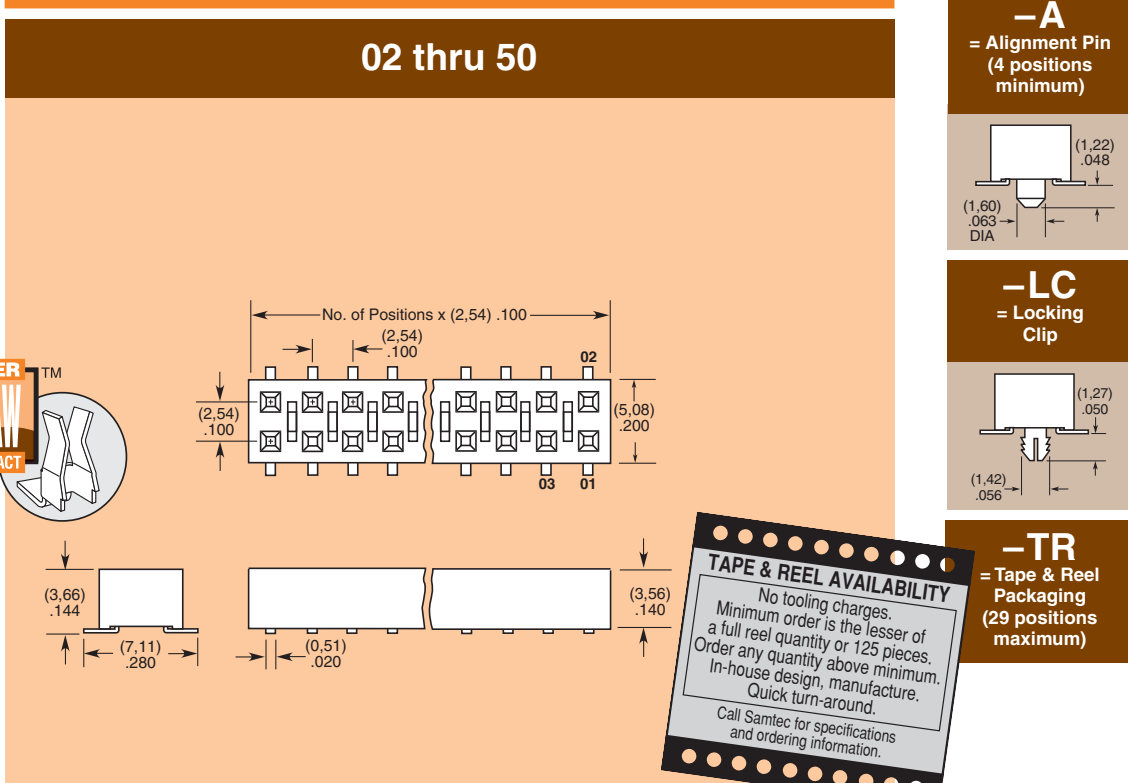
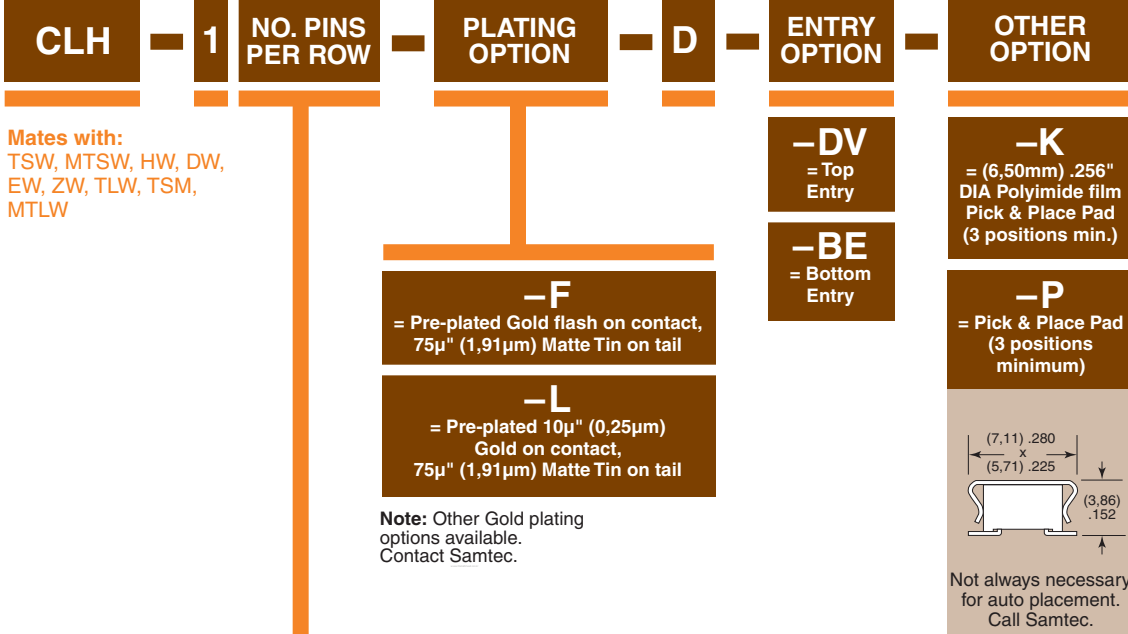
**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

(0,10mm) .004" max



**TAPE & REEL AVAILABILITY**

No tooling charges.  
Minimum order is the lesser of a full reel quantity or 125 pieces.  
Order any quantity above minimum.  
In-house design, manufacture.  
Quick turn-around.  
Call Samtec for specifications and ordering information.

**Note:** 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.

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