

(2,54mm) .100"

CLH SERIES

SMT LOW PROFILE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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



Mates with:
TSW, MTSW, HW, DW,
EW, ZW, TLW, TSM,
MTLW

CLH

1

NO. PINS
PER ROWPLATING
OPTION

D

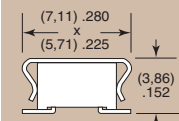
ENTRY
OPTIONOTHER
OPTION

—DV
= Top
Entry

—BE
= Bottom
Entry

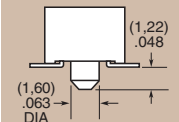
—K
= (6,50mm) .256"
DIA Polyimide film
Pick & Place Pad
(3 positions min.)

—P
= Pick & Place Pad
(3 positions
minimum)

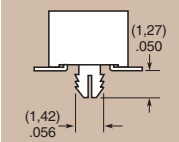


Not always necessary
for auto placement.
Call Samtec.

—A
= Alignment Pin
(4 positions
minimum)



—LC
= Locking
Clip



—TR
= Tape & Reel
Packaging
(29 positions
maximum)

CLH-108-F-D-DV-P



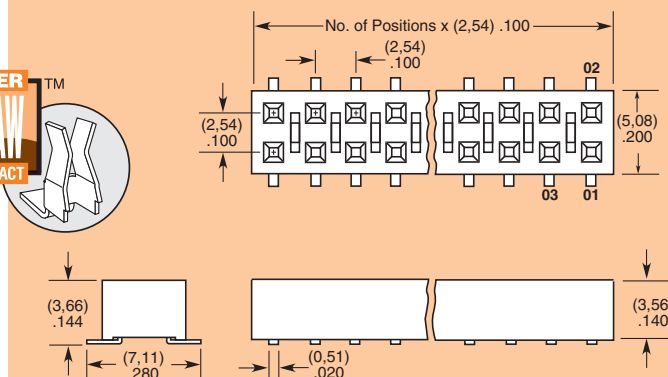
CLH-120-F-D-BE



CLH-110-F-D-DV



02 thru 50



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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