

(2,00 mm) .0787"

CLT-115-02-F-D-A-K-BE

CLT-105-02-F-D

CLT-125-02-L-D

CLT SERIES

LOW PROFILE DUAL WIPE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?CLT

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27 µm) Ni

Current Rating (TMMH/CLT):

4.1 A per pin

(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ

Insertion Depth:

Top Entry= (1,40 mm) .055" minimum

Bottom Entry= (2,57 mm) .101" minimum

(add board thickness for correct post OAL)

Insertion Force:

(Single contact only)

1.8 oz (0,50 N) avg.

Withdrawal Force:

(Single contact only)

.6 oz (0,17 N) avg.

Max Cycles:

100 with 10µ" (0,25 µm) Au

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max (02-25)

(0,15 mm) .006" max (26-34)

(0,20 mm) .008" max (35-50)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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.

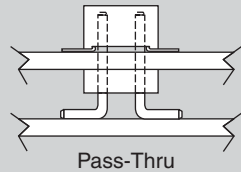
Call Samtec for specifications and ordering information.

Note: Some lengths, styles and options are non-standard, non-returnable.

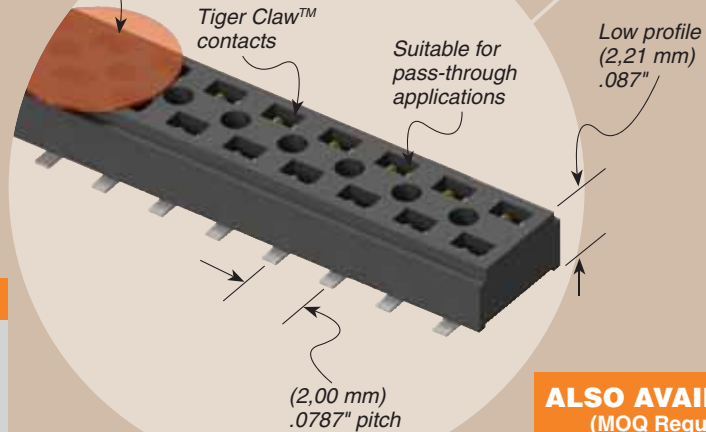
Mates with:
TMM, TMMH,
MTMM, MMT,
TW, TSH



APPLICATION



Available with optional
Pick & Place Pads



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

CLT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OTHER OPTIONS
		02 thru 50	-01 = Through-hole -02 = Surface Mount -03 = Through-hole	-F = Gold flash on contact, Matte Tin on tail -L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -G = 10µ" (0,25 µm) Gold on contact, Gold flash on tail		All options require Style -02 -BE = Bottom Entry (Required for bottom entry applications) -A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec's discretion -K = (5,00 mm) .197" DIA Polyimide Film Pick & Place Pad (04 thru 50 only) -P = Pick & Place Pad (4 positions minimum) (Not always necessary for auto placement.) -TR = Tape & Reel Packaging (36 positions max)

LEAD STYLE	A
-01	(2,16) .085
-03	(2,95) .116

No. of positions x (2,00) .0787

(4,00) .157

(2,00) .0787

(0,51) .020

(2,13) .084

(5,08) .200 x (5,71) .225

(0,81) .032

(0,64) DIA

(3,02) .119

(2,27) .090

(5,16) .203

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

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