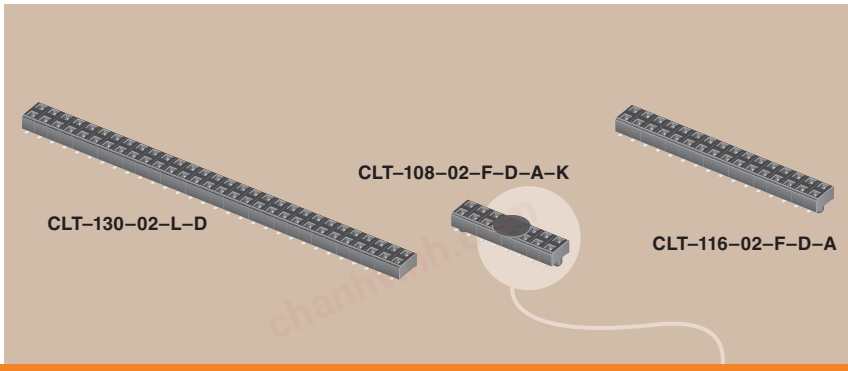
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samtec



2mm LOW PROFILE CLT SERIES

SPECIFICATIONS

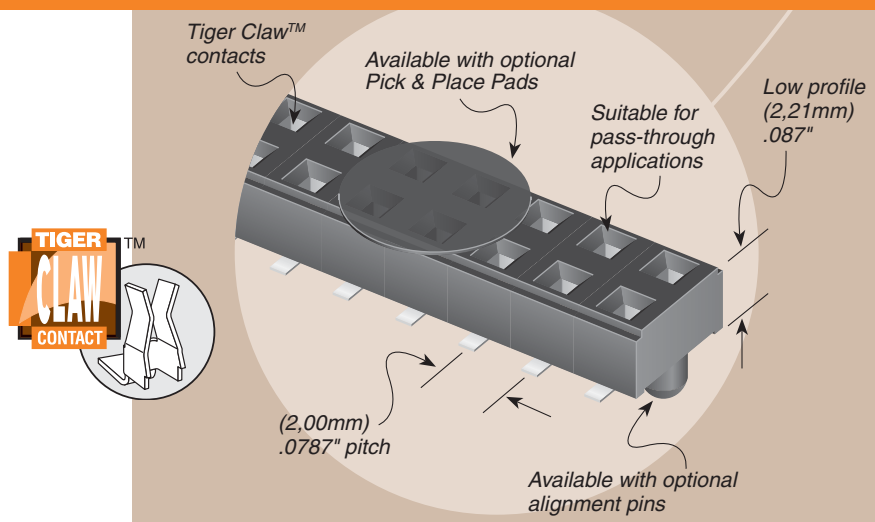
For complete specifications and recommended PCB layouts see www.samtec.com?CLT

Insulator Material: Black Liquid Crystal Polymer
FILE NO. E111594
Contact Material: Phosphor Bronze
Plating: Sn or Au over 50µ" (1,27µm) Ni
Current Rating: 2A @ 80°C ambient
Operating Temp Range: -55°C to +125°C
Contact Resistance: 10 mΩ max
Insertion Depth: Top Entry= (1,40mm) .055" minimum Bottom Entry= (2,57mm) .101" minimum (add board thickness for correct post OAL)
Insertion Force: (Single contact only) 1.8oz (0,50N) avg.
Withdrawal Force: (Single contact only) .6oz (0,17N) avg.
Max Cycles: 100 with 10µ" (0,25µm) Au
RoHS Compliant: Yes

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x
Lead–Free Solderable: Yes
SMT Lead Coplanarity:
(0,10mm) .004" max (02-25)
(0,15mm) .006" max (26-34)
(0,20mm) .008" max (35-50)

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



CLT	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	D	–	OTHER OPTIONS

02 thru 50

–01 = Through-hole

–02 = Surface Mount

–G = 10µ" (0,25µm) Gold

–L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

–F = Gold flash on contact, Matte Tin on tail

All options require Style –02

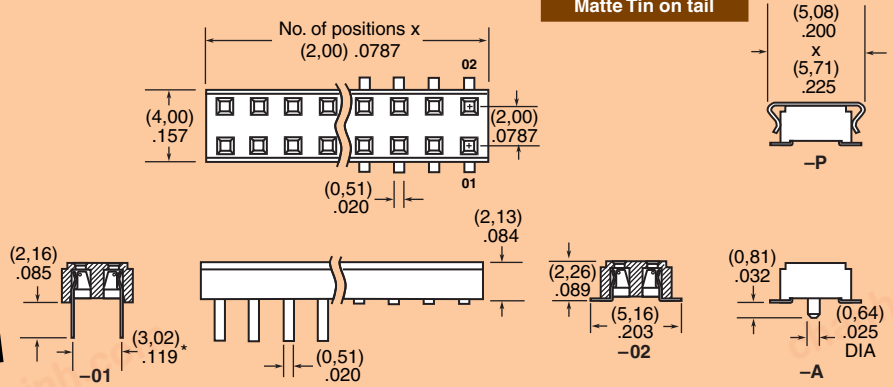
–BE = Bottom Entry (Required for bottom entry applications)

–A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec's discretion

–K = (5,00mm) .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)



*Processing Note: For Pass-through application drill PCB on (2,22) .0874 row spacing & (1,22) .048 DIA holes

TAPE & REEL AVAILABILITY
No tooling charges.
125 piece minimum order.
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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