

2mm LOW PROFILE CLT SERIES

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" (1,27µm) 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



Tiger Claw contacts

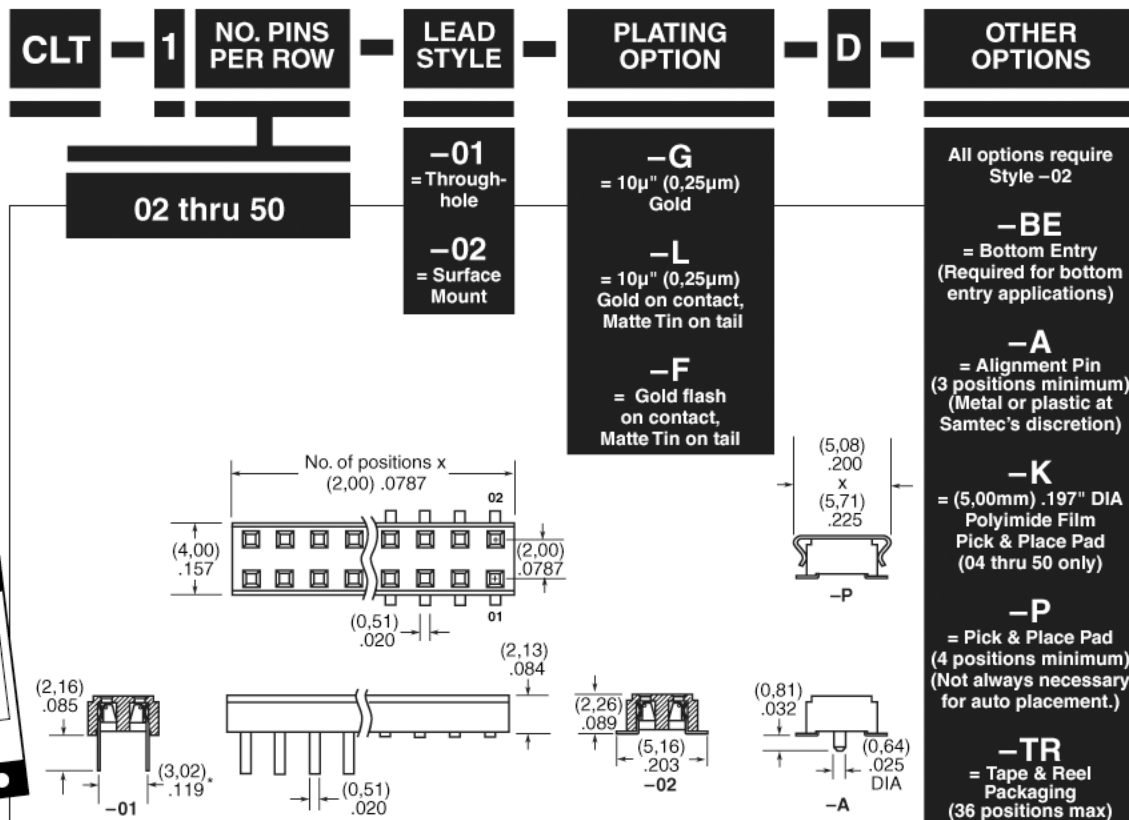
Available with optional Pick-and-Place pads

Suitable for pass-through applications

Low profile (2,21mm) .087"

(2,00mm) .0787" pitch

Available with optional alignment pins



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.

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

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

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