

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

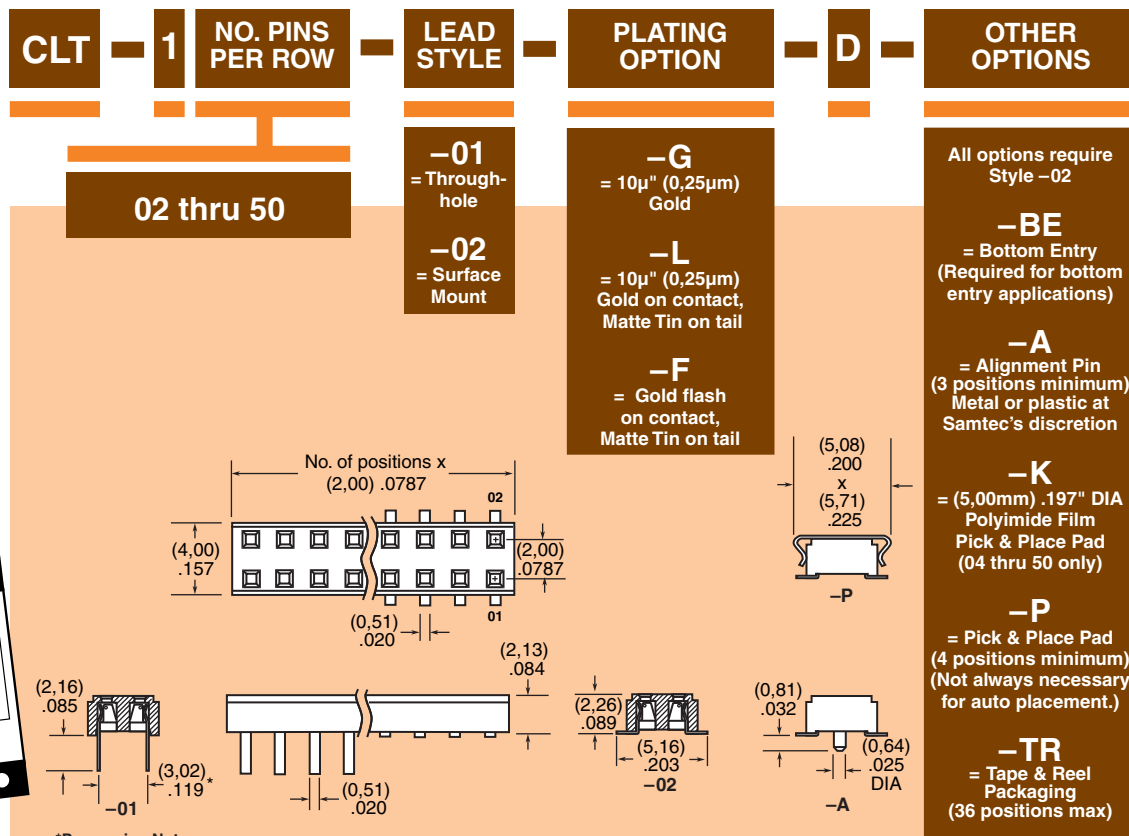
Available with optional
Pick & Place Pads

Suitable for
pass-through
applications

Low profile
(2,21mm)
.087"

(2,00mm)
.0787" pitch

Available with optional
alignment pins



*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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Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
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and ordering information.

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