



(2.00 mm) .0787"

CLT SERIES

LOW-PROFILE DUAL WIPE SOCKET

SPECIFICATIONS

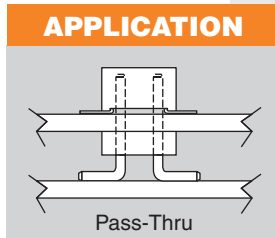
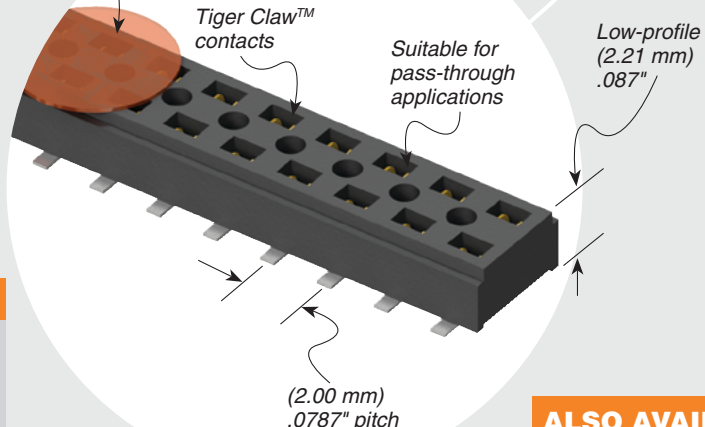
For complete specifications and recommended PCB layouts see www.samtec.com?CLT

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating: Sn or Au over 50 μ" (1.27 μm) Ni
Current Rating (TMMH/CLT):
4.1 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C
Insertion Depth:
Top Entry=
(1.40 mm) .055" minimum
Bottom Entry=
(2.57 mm) .101" minimum
(add board thickness for correct post OAL)
Max Cycles:
100 with 10 μ" (0.25 μm) Au
RoHS Compliant:
Yes

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



Available with optional Pick & Place Pads



ALSO AVAILABLE
(MOQ Required)

- Other platings

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)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



| | | | | | | |
|------------|----------|-------------------------|---|--|----------|--|
| CLT | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | D | OTHER OPTIONS |
| | | 02 thru 50 | <p>-01 = Through-hole</p> <p>-02 = Surface Mount</p> <p>-03 = Through-hole</p> | <p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail</p> <p>-G = 10 μ" (0.25 μm) Gold on contact, Gold flash on tail</p> | | <p>All options require Style -02</p> <p>-BE = Bottom Entry (Required for bottom entry applications)</p> <p>-A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec's discretion</p> <p>-K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad (04 thru 50 only)</p> <p>-P = Pick & Place Pad (4 positions minimum) (Not always necessary for auto placement.)</p> <p>-TR = Tape & Reel Packaging (36 positions max)</p> |

| LEAD STYLE | A |
|------------|-------------|
| -01 | (2.16) .085 |
| -03 | (2.95) .116 |

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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.