



(2.00 mm) .0787"

CLT SERIES

# LOW-PROFILE DUAL WIPE SOCKET

## SPECIFICATIONS

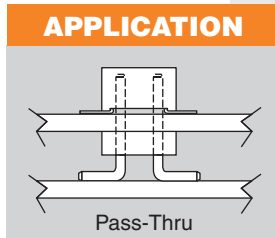
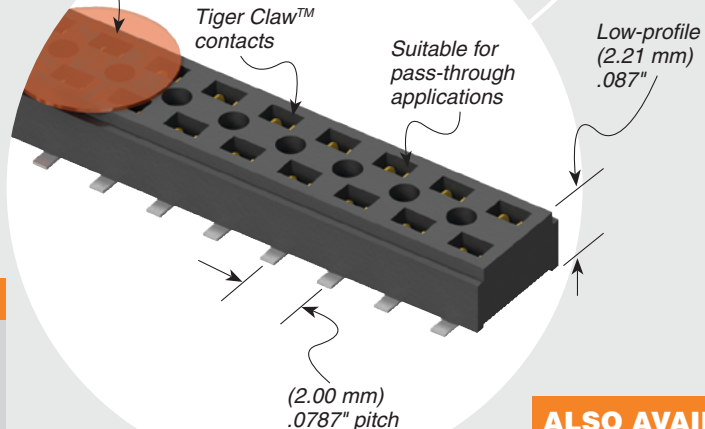
For complete specifications and recommended PCB layouts see [www.samtec.com?CLT](http://www.samtec.com?CLT)

**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](mailto:IPG@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

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