

(2.00 mm) .0787"

TLE SERIES

# COST-EFFECTIVE RELIABLE SOCKET

## SPECIFICATIONS

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

**Insulator Material:**

Black Liquid Crystal Polymer

**Contact Material:**

Phosphor Bronze

**Plating:**

Au over 50 μ" (1.27 μm) Ni

**Current Rating (TLE/TMMH):**

3.2 A per pin  
(2 pins powered)

**Operating Temp Range:**

-55 °C to +125 °C

**Insertion Depth:**

(2.08 mm) .082" to (4.37 mm) .172" with (0.38 mm) .015" wiper, pass-through, or (3.35 mm) .132" min for bottom entry

**RoHS Compliant:**

Yes

**Mates with:**

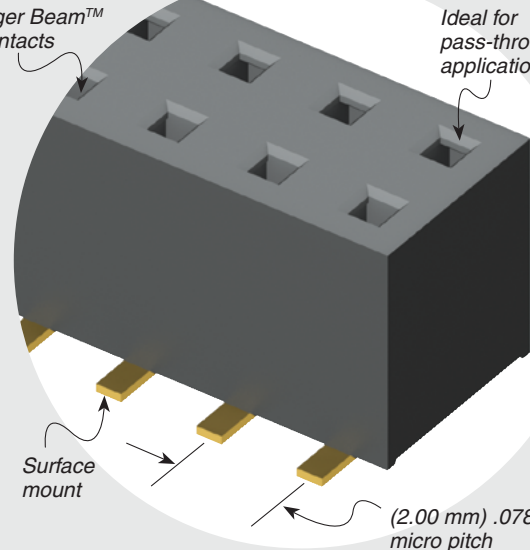
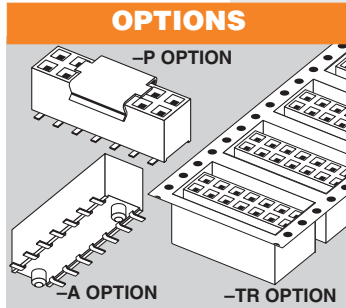
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD, TSH



Tiger Beam™ contacts

Ideal for pass-through applications

Available with optional pick & place pads



## PROCESSING

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

(0.10 mm) .004" max (02-26)  
(0.15 mm) .006" max (27-50)\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

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



TLE	1	NO. PINS PER ROW	01	PLATING OPTION	DV	OPTION
02 thru 50			-G = 10 μ" (0.25 μm) Gold		-A = Alignment Pin (3 positions minimum)	
					-K = (5.00 mm) .197" DIA Polyimide Film Pick & Place Pad (3 positions minimum)	
					-P = Metal Pick & Place Pad (4 positions minimum)	
					-TR = Tape & Reel Packaging (2-37 positions only)	

**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.

# Mouser Electronics

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[TLE-112-01-G-DV-A-K-TR](#)