

(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 50µ" (1,27 µm) Ni

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

3.2 A per pin  
(1 pin powered per row)

**Operating Temp Range:**

-55°C to +125°C

**Insertion Depth:**

(2,08 mm) .082" to (4,37 mm) .172" with (0,38 mm) .015" wipe, pass-through, or (3,35 mm) .132" min for bottom entry

**Insertion Force:**

(Single contact only) 2.75 oz (0,76 N) avg.

**Withdrawal Force:**

(Single contact only) 0.80 oz (0,22 N) avg.

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

(0,10 mm) .004" max (02-26)  
(0,15 mm) .006" max (27-50)

## RECOGNITIONS

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



FILE NO. E111594

**Mates with:**

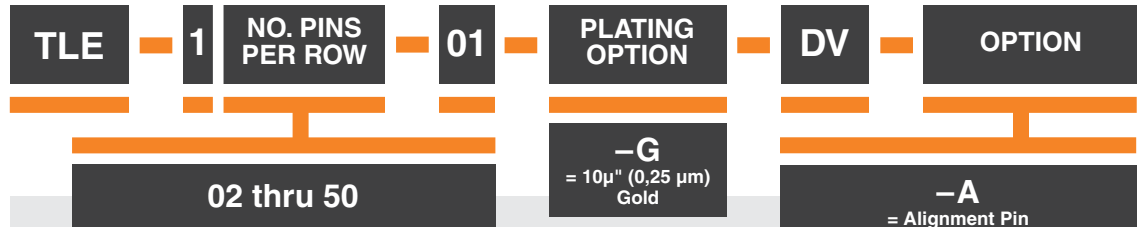
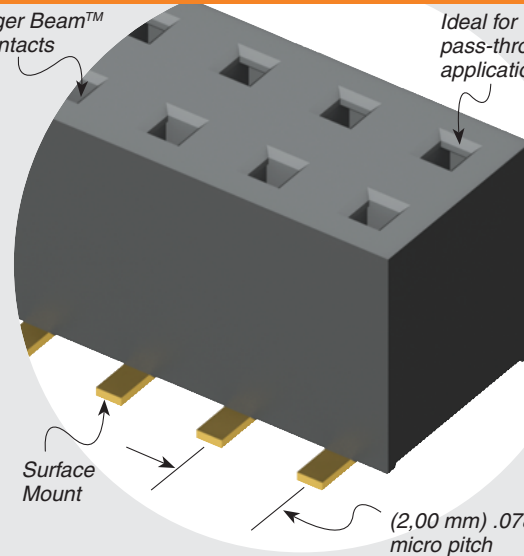
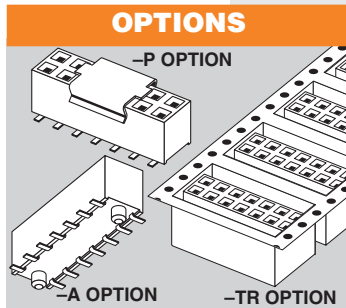
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD, TSH



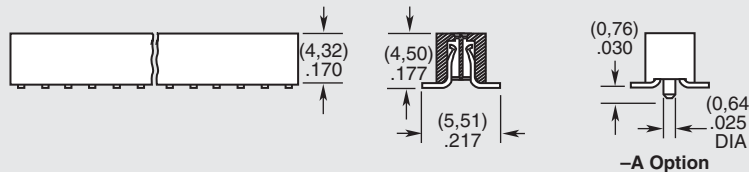
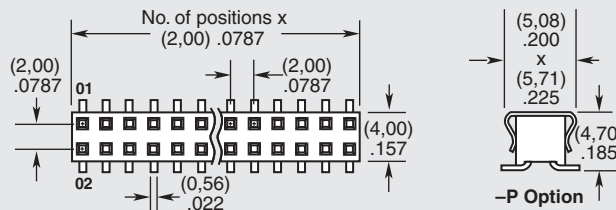
Tiger Beam™ contacts

Ideal for pass-through applications

Available with optional Pick & Place Pads



- A**  
= Alignment Pin  
(3 positions minimum)  
Metal or plastic at Samtec's discretion.
- 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)



**TAPE & REEL AVAILABILITY**

No tooling charges.  
Minimum order is the lesser of a full reel quantity or 125 pieces.  
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.