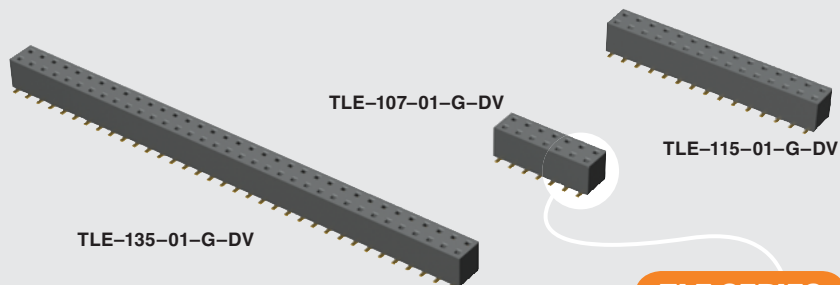


(2,00 mm) .0787"



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

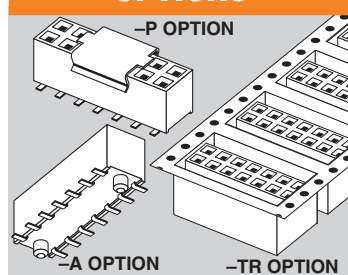
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



Mates with:  
TMMH, TMM,  
MTMM, MMT,  
TW, LTMM,  
ZLTMM, TCMD,  
TSH



## OPTIONS



Tiger Beam™  
contacts

Ideal for  
pass-through  
applications

Available  
with optional  
Pick & Place Pads

Surface  
Mount

(2,00 mm) .0787"  
micro pitch

TLE

1

NO. PINS  
PER ROW

01

PLATING  
OPTION

DV

OPTION

02 thru 50

-G

= 10µ" (0,25 µm)  
Gold

-A

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

-K

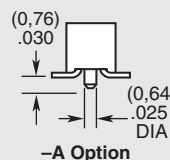
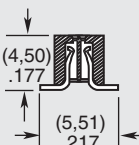
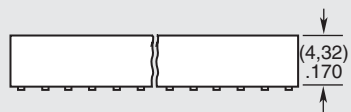
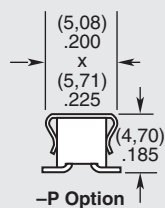
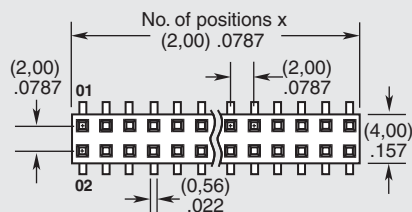
= (5,00 mm) .197" DIA  
Polyimide Film Pick & Place Pad  
(3 positions minimum)

-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.