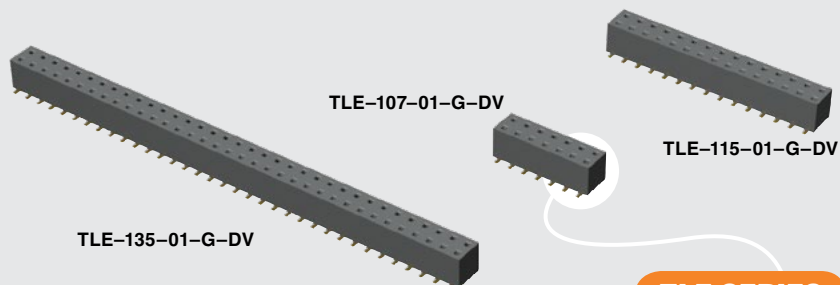


(2.00 mm) .0787"



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  $\mu$ " (1.27  $\mu$ m) 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**  
CONTACT

## HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

8  
Gbps

Tiger Beam™  
contacts

Ideal for  
pass-through  
applications

Available  
with optional  
pick & place pads

Surface  
mount

(2.00 mm) .0787"  
micro pitch

## 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)

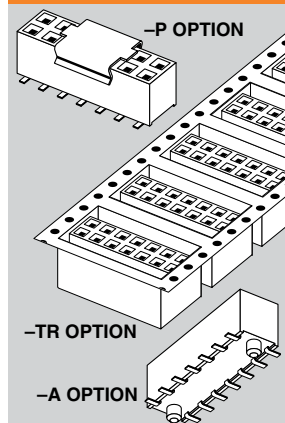
## RECOGNITIONS

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



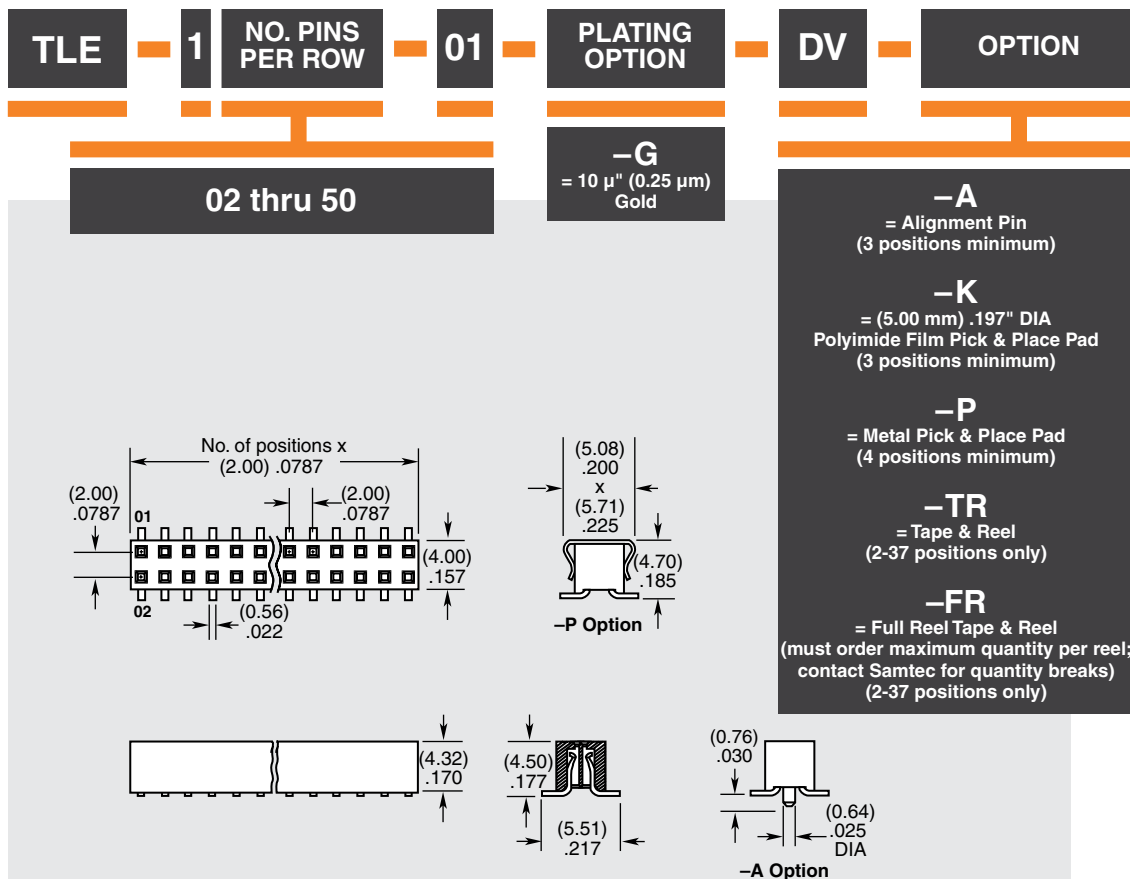
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## OPTIONS



### 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. Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.