# **COST-EFFECTIVE** & **DUAL WIPE SOCKETS**

(2.00 mm) .0787" PITCH • TLE/CLT SERIES

### TLE Mates:

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

#### **CLT** Mates:

TMM, TMMH, MTMM, MMT, TW, TSH

#### **SPECIFICATIONS**

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" wipe, pass-through, or (3.35 mm) .132" min for bottom entry

## **CLT**

Same as TLE except: Plating: Sn or Au over 50 μ" (1.27 μm) Ni Current Rating (TMMH/CLT):

4.1 A per pin (2 pins powered) 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

#### **PROCESSING**

#### TLE

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)

#### CLT

Same as TLE except: 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

**LEAD STYLE** 

-01

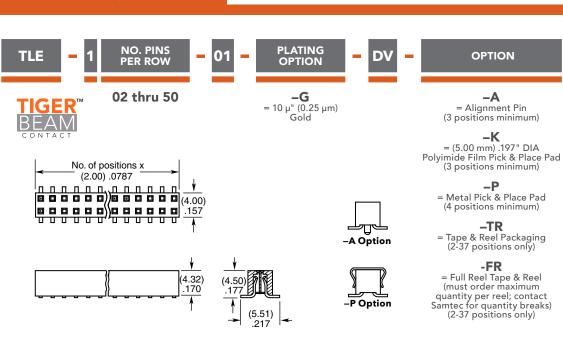
-03

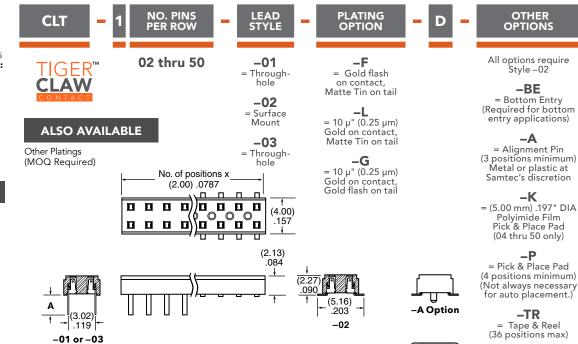
(2.16) .085

(2.95) .116

Some lengths, styles and options are non-standard, non-returnable

ipg@samtec.com)





-FR = Full Reel Tape & Reel (must order maximum -P Option quantity per reel; contact Samtec for quantity breaks) (36 positions max)

**OPTIONS** 

Style –02

-BE

= Bottom Entry

= Alignment Pin

-K

Pick & Place Pad (04 thru 50 only)

-P

-TR

= Tape & Reel

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## Samtec:

TLE-110-01-G-DV-A-TR