



Surface  
**SMT**  
Mount

# (0,80mm) .0315" SOCKET CLE SERIES

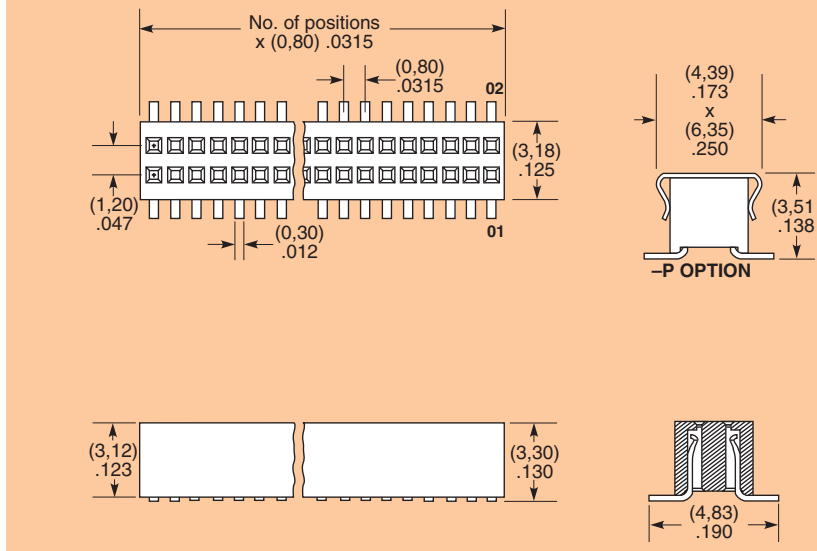
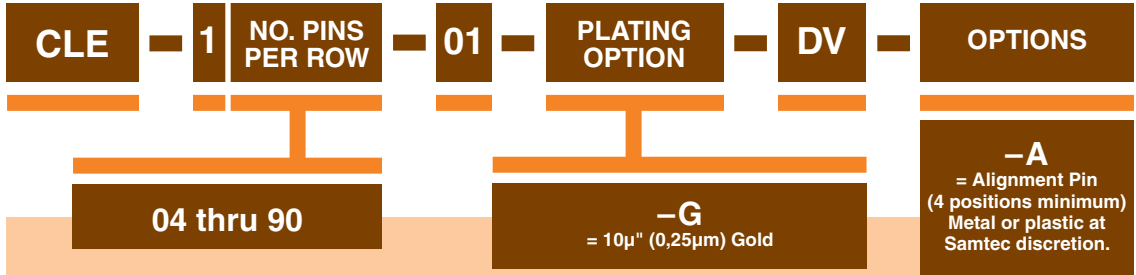
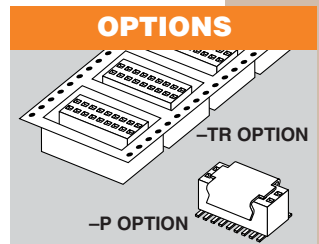
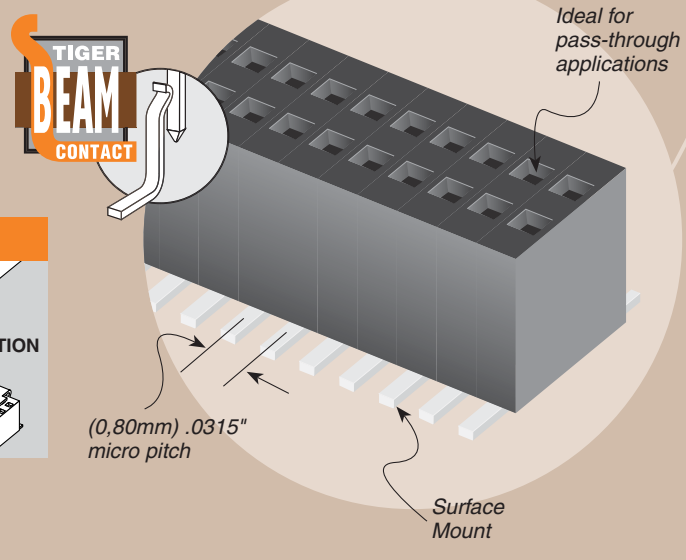
## SPECIFICATIONS

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

- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** BeCu
- Plating:** Au over 50µ" (1,27µm) Ni
- Current Rating:** .75A @ 80°C ambient
- Operating Temp Range:** -55°C to +125°C
- Contact Resistance:** 15 mΩ max (initial)
- Insertion Depth:** Top Entry = (1,73mm) .068" to (3,18mm) .125" with (0,38mm) .015" wipe, or pass-through  
Bottom Entry = (3,23mm) .127" minimum plus board thickness
- Insertion Force:** (Single contact only) 2.0oz (0,56N)
- Normal Force:** 75 grams (0,73N)
- Withdrawal Force:** (Single contact only) 1.2oz (0,33N)
- Max Cycles:** 100 with 10µ" (0,25µm) Au
- RoHS Compliant:** Yes

- Processing:**
- Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x
- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** (0,10mm) .004" max (04-65) (0,15mm) .006" max (66-90)

Mates with:  
FTE, AW



- A**  
= Alignment Pin  
(4 positions minimum)  
Metal or plastic at Samtec discretion.
- K**  
= (3,50mm) .138" DIA  
Polyimide film  
Pick & Place Pad  
(8 positions minimum)
- P**  
= Metal Pick & Place Pad  
(8 positions minimum)
- TR**  
= Tape & Reel Packaging

**TAPE & REEL AVAILABILITY**  
No tooling charges.  
125 piece minimum order.  
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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)