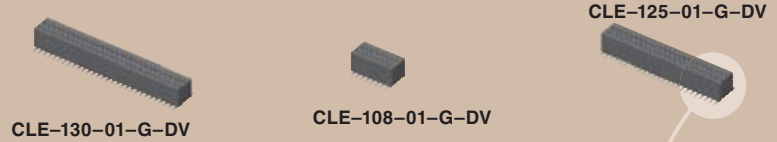


(0,80mm) .0315"

CLE SERIES



# COST EFFECTIVE MICRO SOCKET

## SPECIFICATIONS

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

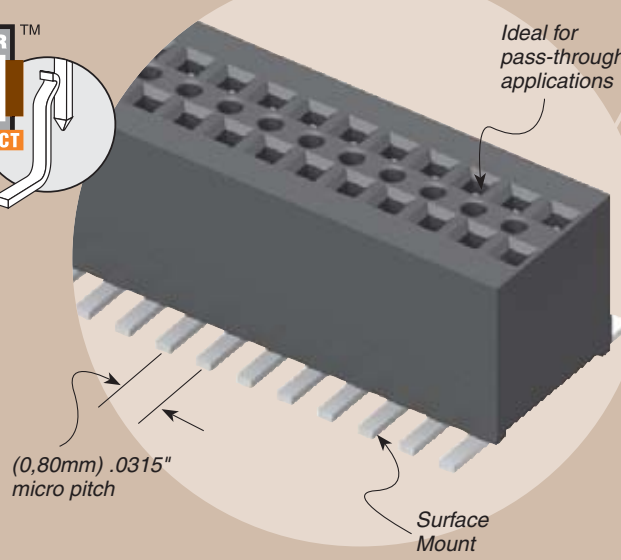
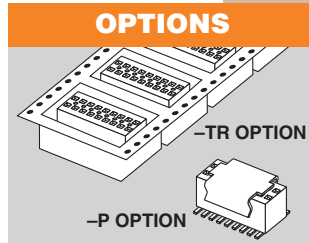
**Insulator Material:** Black Liquid Crystal Polymer  
**Contact Material:** BeCu  
**Plating:** Au over 50µ" (1,27µm) Ni  
**Operating Temp Range:** -55°C to +125°C  
**Contact Resistance:** 15 mΩ max (initial)  
**Insertion Depth:** Top Entry = (1,73mm) .068" to (3,18mm) .125" with (0,38mm) .015" wipe, 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



Mates with: FTE, AW



Ideal for pass-through applications



04 thru 90

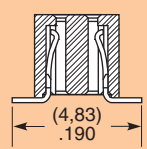
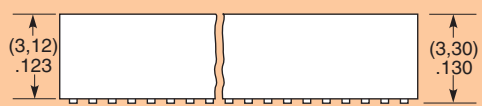
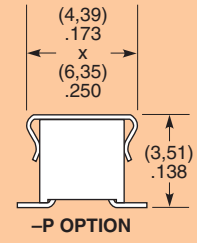
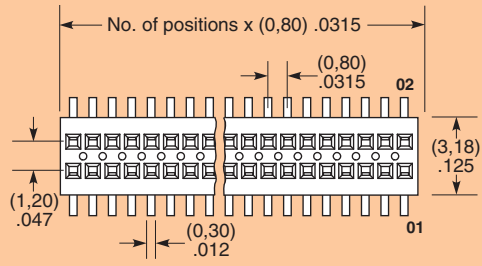
-G = 10µ" (0,25µm) Gold

- 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

CURRENT RATING	
AMBIENT TEMP	FTE/CLE
20°C	3.1A
40°C	2.8A
60°C	2.4A
95°C	1.6A

6 POSITIONS (2x3) POWERED

**Processing:**  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max (04-65) (0,15mm) .006" max (66-90)



**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.

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

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