

CLE SERIES

(0,80 mm) .0315"

COST EFFECTIVE MICRO SOCKET

SPECIFICATIONS

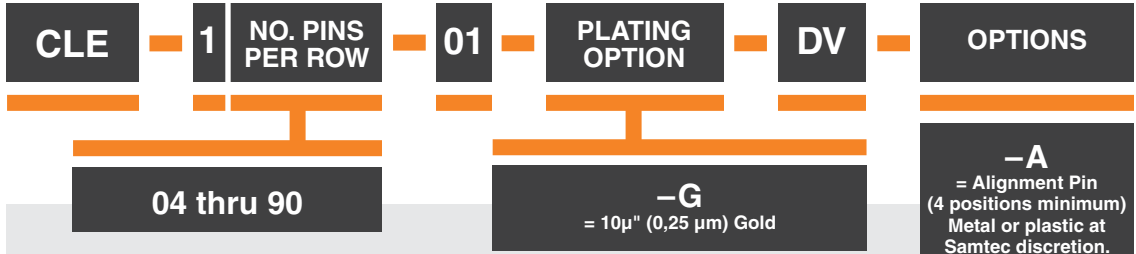
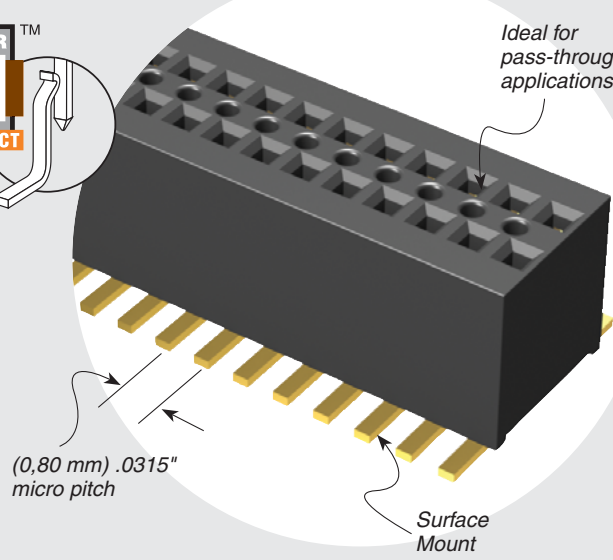
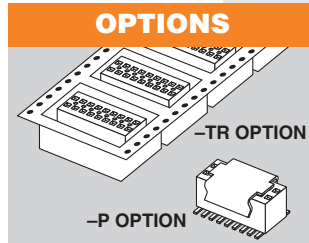
For complete specifications and recommended PCB layouts see www.samtec.com?CLE

- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** BeCu
- Plating:** Au over 50µ" (1,27 µm) Ni
- Current Rating (CLE/FTE):** 2.7 A per pin (1 pin powered per row)
- Operating Temp Range:** -55°C to +125°C
- Contact Resistance:** 15 mΩ
- Insertion Depth:** Top Entry = (1,73 mm) .068" to (3,18 mm) .125" with (0,38 mm) .015" wipe, or pass-through
- Bottom Entry = (3,23 mm) .127" minimum plus board thickness
- Insertion Force:** (Single contact only) 2.0 oz (0,56 N)
- Normal Force:** 75 grams (0,73 N)
- Withdrawal Force:** (Single contact only) 1.2 oz (0,33 N)
- Max Cycles:** 100 with 10µ" (0,25 µm) Au
- RoHS Compliant:** Yes
- Processing:** Lead-Free Solderable: Yes
- SMT Lead Coplanarity:** (0,10 mm) .004" max (04-65) (0,15 mm) .006" max (66-90)

Mates with: FTE, AW



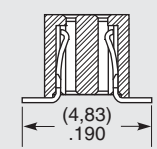
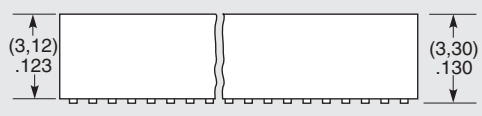
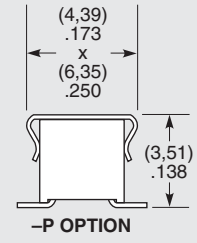
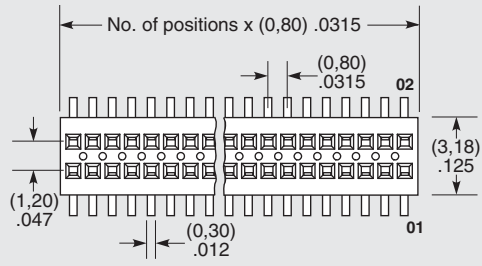
Ideal for pass-through applications



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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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.