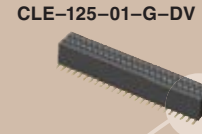
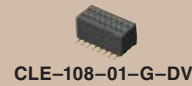




(0,80 mm) .0315"

CLE SERIES



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

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

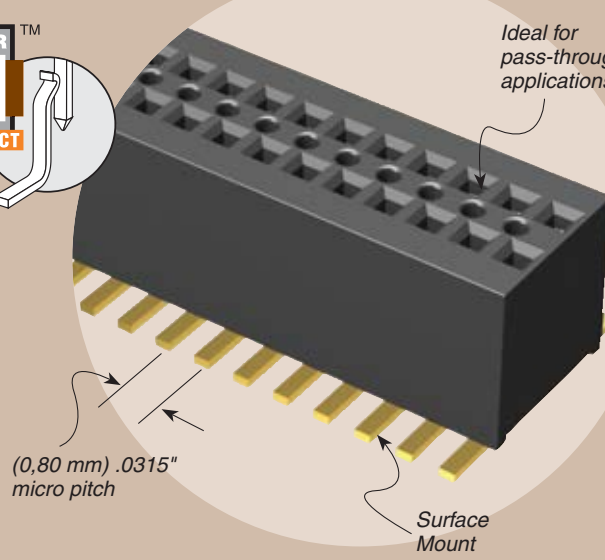
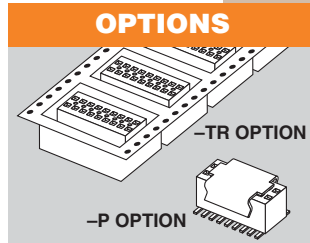
RoHS Compliant:

Yes

Mates with:
FTE, AW



Ideal for pass-through applications

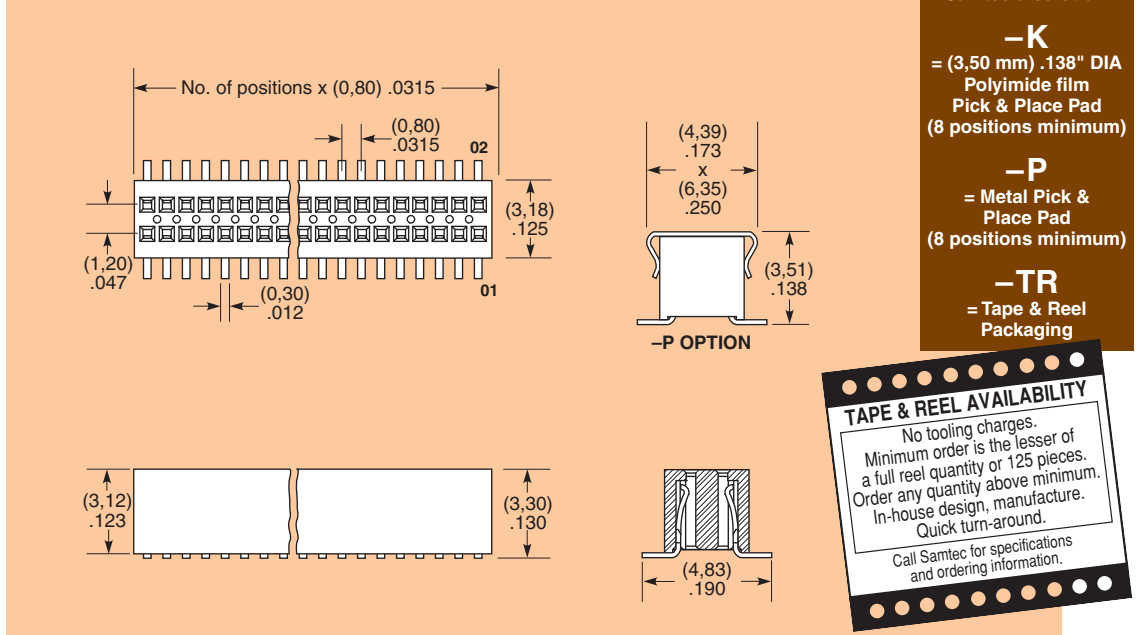
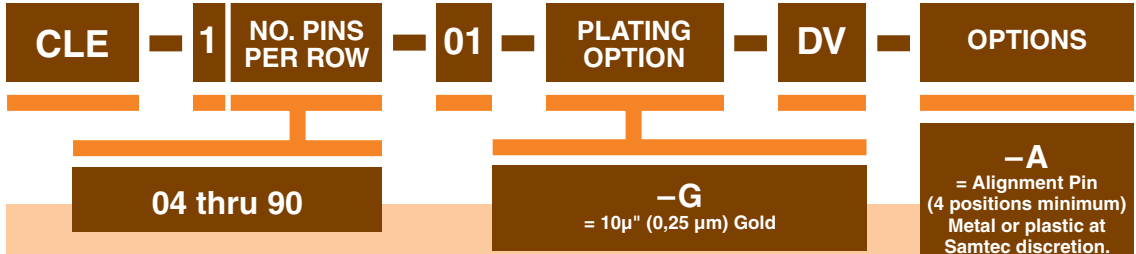


CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	FTE/CLE
20°C	3.1A
40°C	2.8A
60°C	2.4A
95°C	1.6A

6 POSITIONS (2x3) POWERED

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

Note: Some lengths, styles and options are non-standard, non-returnable.



- 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

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.

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

WWW.SAMTEC.COM