

(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

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

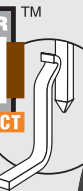
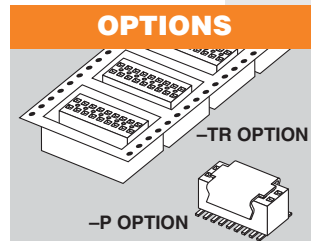
SMT Lead Coplanarity:

(0,10 mm) .004" max (04-65)

(0,15 mm) .006" max (66-90)

Mates with:

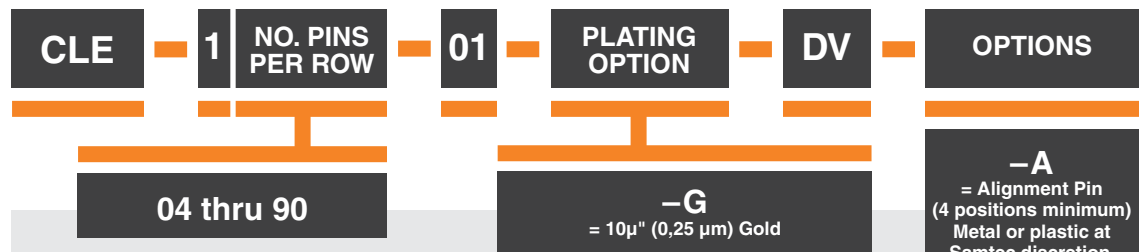
FTE, AW



Ideal for pass-through applications

(0,80 mm) .0315" micro pitch

Surface Mount



-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)

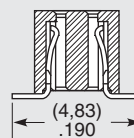
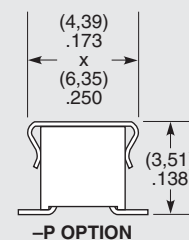
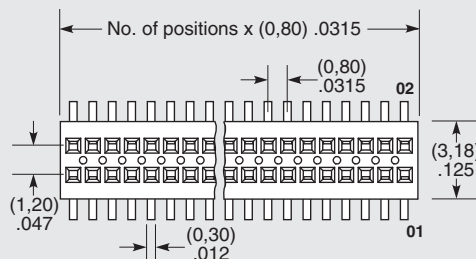
-TR
= Tape & Reel Packaging

RECOGNITIONS

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



FILE NO. E111594



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.