

(0,80mm) .0315"

CLE SERIES

CLE-130-01-G-DV

CLE-108-01-G-DV

CLE-125-01-G-DV

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" (1,27µm) 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

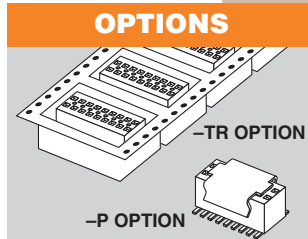
RoHS Compliant:

Yes



Mates with:
FTE, AW

OPTIONS



Ideal for
pass-through
applications

(0,80mm) .0315"
micro pitch

Surface
Mount

CLE

1

NO. PINS
PER ROW

01

PLATING
OPTION

DV

OPTIONS

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:

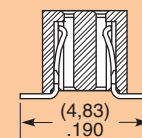
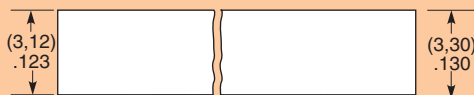
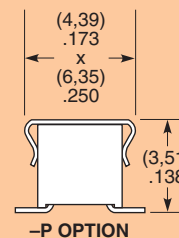
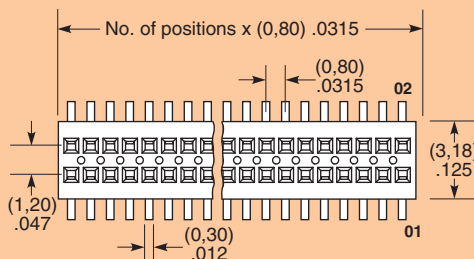
Lead-Free Solderable:

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

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