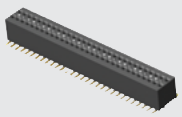
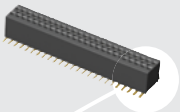
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samtec


CLE–130–01–G–DV


CLE–108–01–G–DV


CLE–125–01–G–DV

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)

RECOGNITIONS

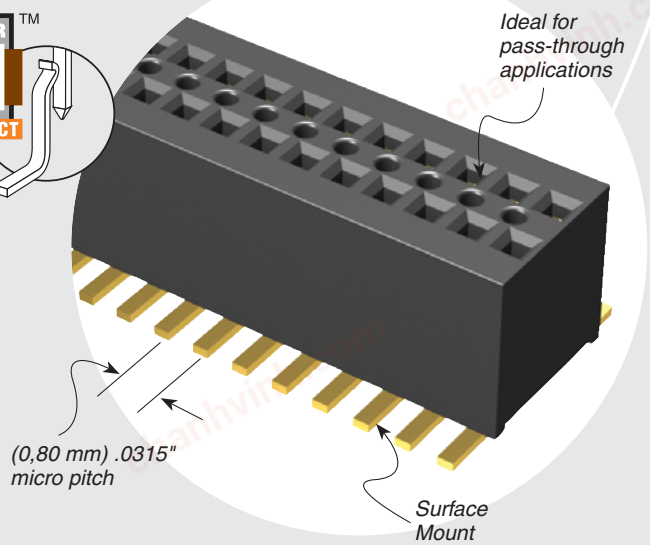
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

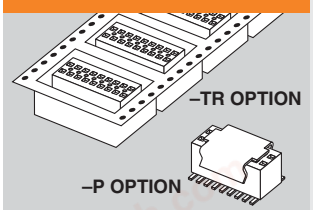
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
FTE, AW

TIGER BEAM™ CONTACT



OPTIONS



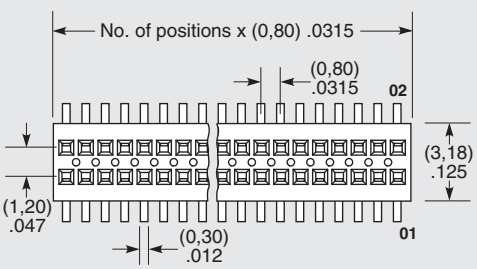
CLE	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	DV	–	OPTIONS
			04 thru 90				–G = 10µ" (0,25 µm) Gold				

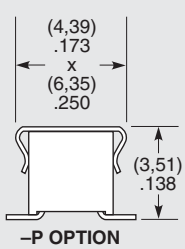
–A
= Alignment Pin (4 positions minimum) Metal or plastic at Samtec discretion.

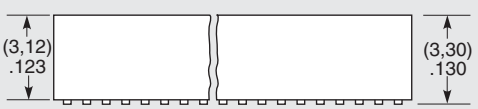
–K
= (3,50 mm) .138" DIA Polyimide film Pick & Place Pad (8 positions minimum)

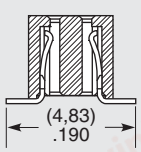
–P
= Metal Pick & Place Pad (8 positions minimum)

–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.