

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 50 μ" (1.27 μm) Ni

Current Rating (CLE/FTE): 2.7 A per pin (2 pins powered)

Operating Temp Range: -55 °C to +125 °C

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

Normal Force: 75 grams (0.73 N)

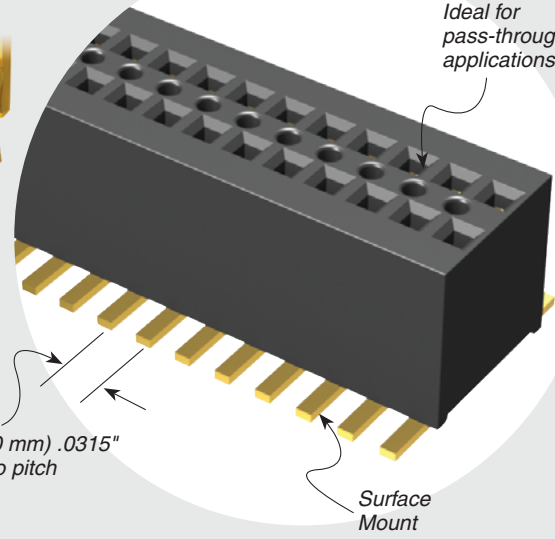
Max Cycles: 100 with 10 μ" (0.25 μm) Au

RoHS Compliant: Yes

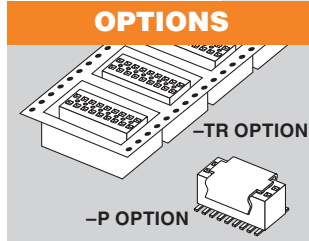
Mates with:
FTE, AW



Ideal for pass-through applications



OPTIONS



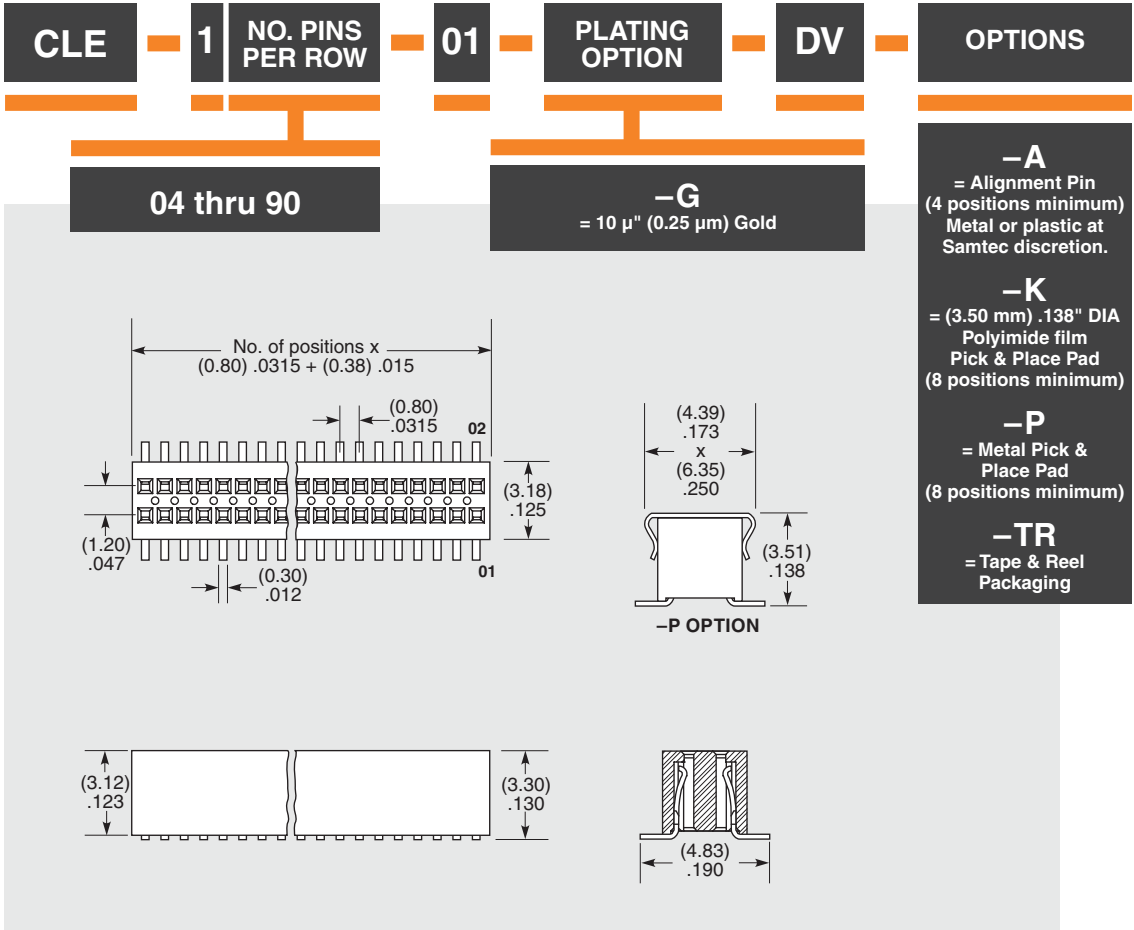
PROCESSING

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0.10 mm) .004" max (04-65) (0.15 mm) .006" max (66-90)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



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.

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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