

**CLE SERIES**

**(0.80 mm) .0315"**

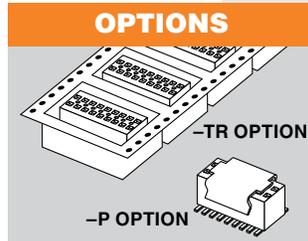
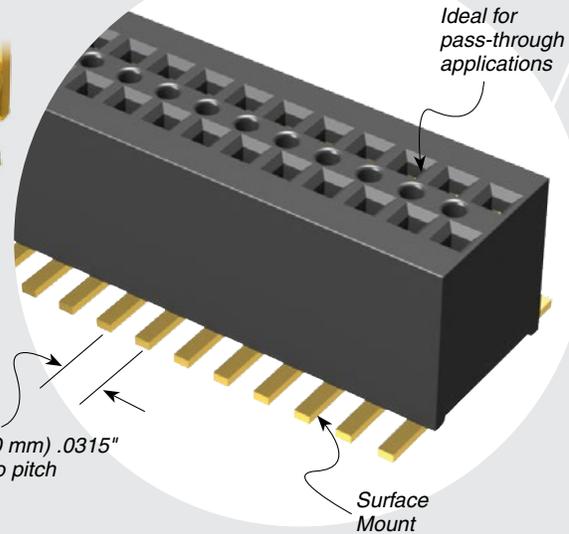
# COST-EFFECTIVE MICRO SOCKET

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?CLE](http://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

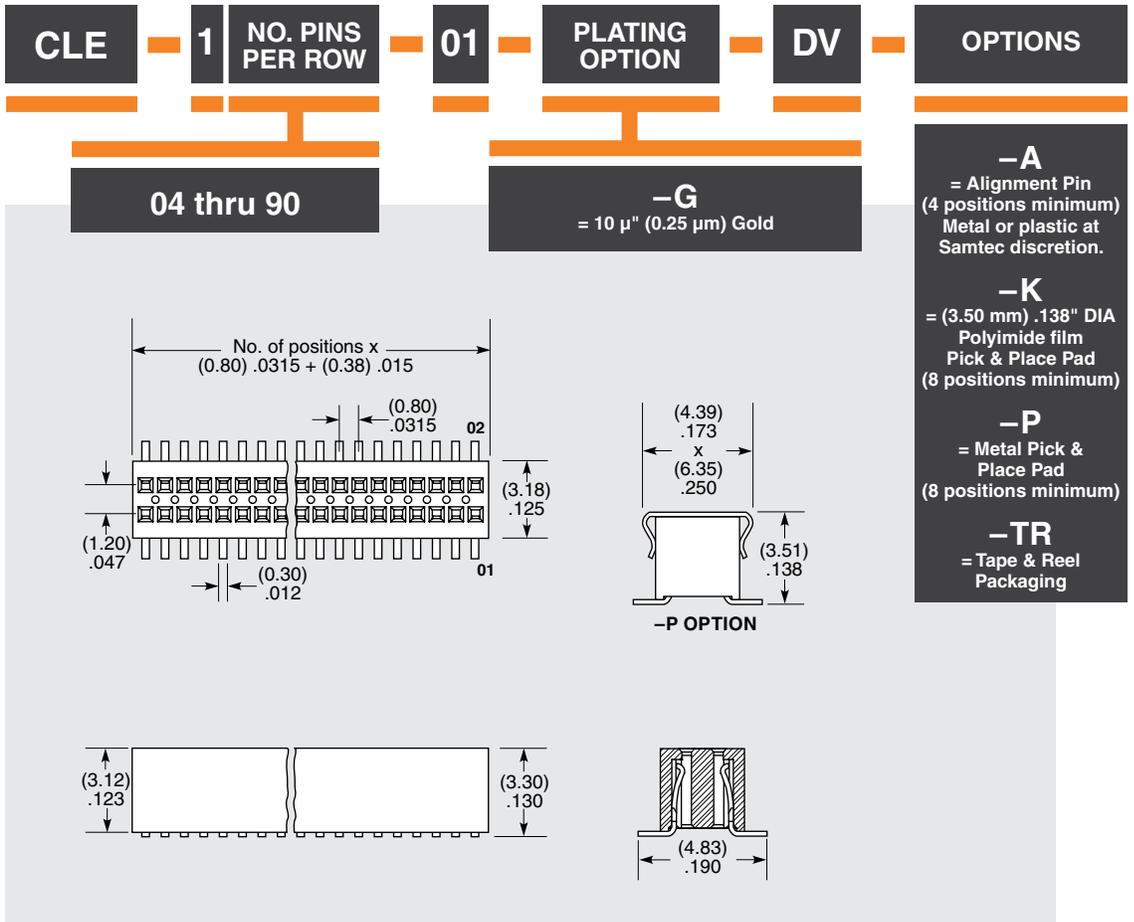


**PROCESSING**

**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](mailto:IPG@samtec.com))

**RECOGNITIONS**

For complete scope of recognitions see [www.samtec.com/quality](http://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.*

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.