

(2,54mm) .100" HLE SERIES

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HLE

51 FILE NO. E111594

(1)

Insulator Material: Black Liquid Crystal Polymer Contact Material: BeCu

Plating:
Au or Sn over
50µ" (1,27µm) Ni
Current Rating:
2.5A @ 80°C ambient
Voltage Rating:
400 VAC

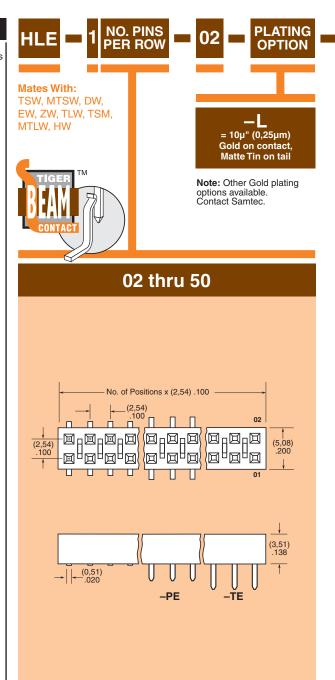
Operating Temp Range: -55°C to +125°C Insertion Depth: (1,78mm) .070" to (3,43mm) .135", pass-through, or (2,59mm) .102" min for

bottom entry Insertion Force: (Single contact only) 2oz (0,56N) avg. Withdrawal Force: (Single contact only)

(Single contact only) 1.6oz (0,44N) avg. RoHS Compliant: Yes

Processing: Lead-Free Solderable:

SMT Lead Coplanarity: (0,10mm) .004" max (02-20) (0,15mm) .006" max (21-50)



Leave blank for **Surface Mount** (3,66) (Requires -BE for Bottom Entry) -TE = Through-Hole Top Entry (3,05) -PE = Through-hole Pass Through Entry (2,30)

(Requires -BE for Bottom Entry)

-BE = Bottom Entry (N/A with -TE)

OTHER

OPTION

OPTION

- A = Alignment Pin (4 positions min.) Metal or plastic at Samtec discretion (N/A with -TE, -PE & -LC)



-LC
= Locking Clip
(2 positions min.)
(N/A with -A)
(Manual placement required)



- K
= (6,50mm) .256"
DIA Polyimide
Film Pick &
Place Pad
(3 positions min.)
Not available
with -TE or
-PE tail option



-TR = Tape & Reel Packaging (29 positions max.)

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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