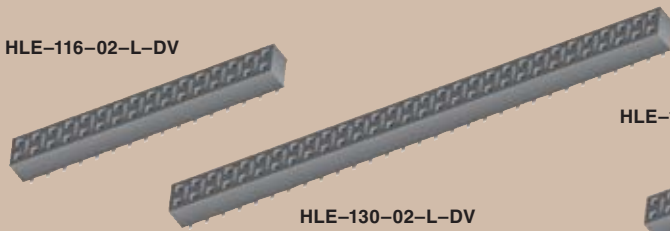


(2,54 mm) .100"

HLE SERIES

HLE-116-02-L-DV



HLE-110-02-L-DV-A

HLE-130-02-L-DV

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Au or Sn over 50µ" (1,27 µm) Ni

Current Rating:

2.5A per contact @ 80°C ambient

Voltage Rating:

400 VAC

Operating Temp Range:

-55°C to +125°C

Insertion Depth:

(1,78 mm) .070" to (3,43 mm) .135", pass-through, or (2,59 mm) .102" min for bottom entry

Insertion Force:

(Single contact only) 2 oz (0,56 N) avg.

Withdrawal Force:

(Single contact only) 1.6 oz (0,44 N) avg.

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max (02-20)

(0,15 mm) .006" max (21-50)



Mates With:
TSW, MTSW, DW,
EW, ZW, TLW, TSM,
MTLW, HW

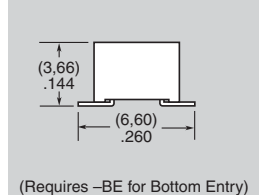


-F
= Gold flash on contact,
Matte Tin on tail

-L
= 10µ" (0,25 µm) Gold on contact,
Matte Tin on tail

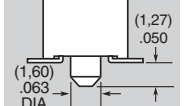
Note: Other Gold plating options available. Contact Samtec.

Leave blank for Surface Mount

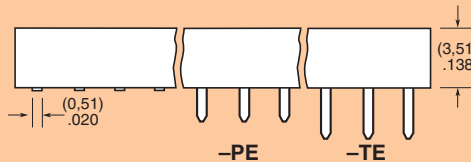
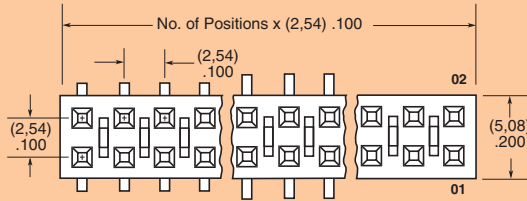


-BE
= Bottom Entry
(N/A with -TE)

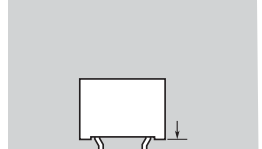
-A
= Alignment Pin
(4 positions min.)
Metal or plastic at Samtec discretion
(N/A with -TE, -PE & -LC)



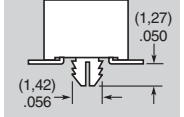
02 thru 50



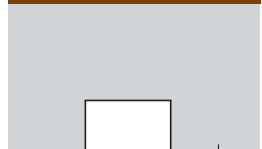
-TE
= Through-Hole Top Entry



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

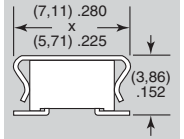


-PE
= Through-hole Pass-Through Entry



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

-P
= Metal Pick & Place Pad
(3 positions min.)



(Requires -BE for Bottom Entry)

-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.

WWW.SAMTEC.COM