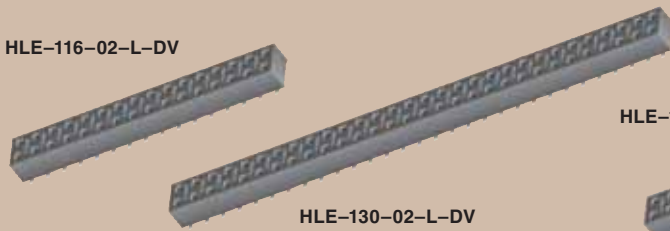


HLE-116-02-L-DV



HLE-110-02-L-DV-A

HLE-130-02-L-DV

(2,54 mm) .100"

HLE SERIES

COST-EFFECTIVE RELIABLE SOCKET

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

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 (HLE/TSM):

4.1 A per pin
(1 pin powered per row)

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
plus board thickness 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)

RECOGNITIONS

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



FILE NO. E111594 FILE NO. 090971_0_000

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

HLE - **1** NO. PINS PER ROW - **02** PLATING OPTION - **DV** TAIL OPTION - **OTHER OPTION**

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

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

Leave blank for
Surface Mount

(Requires -BE for Bottom Entry)

-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)

-TE
= Through-Hole
Top Entry

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

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

-PE
= Through-hole
Pass-Through Entry

(Requires -BE for Bottom Entry)

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

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

02 thru 50

Due to technical progress, all designs, specifications and components are subject to change without notice.

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