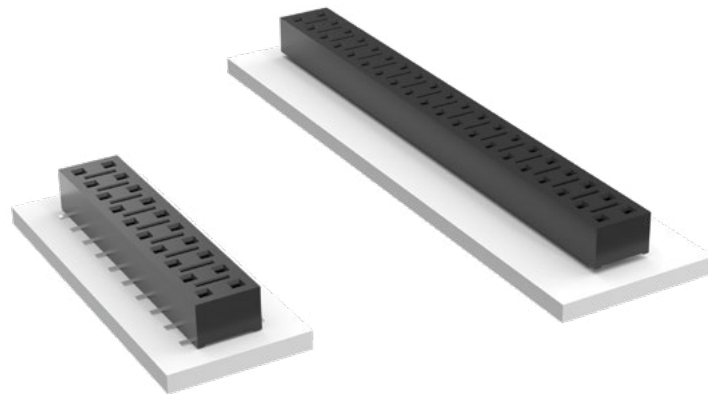


COST-EFFECTIVE RELIABLE SOCKET

(2.54 mm) .100" PITCH • HLE SERIES



HLE

Board Mates:

TSW, MTSW, DW, EW,
ZW, TLW, TSM, MTLW, HW

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Current Rating (HLE/TSM):

4.1 A per pin

(2 pins powered)

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

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-20)

(0.15 mm) .006" max (21-50)*

*(.004" stencil solution

may be available; contact

ipg@samtec.com)

ALSO AVAILABLE

MOQ Required

Other Platings

HLE	-	1	NO. PINS PER ROW	-	02	-	PLATING OPTION	-	DV	-	TAIL OPTION	-	OTHER OPTION
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02 thru 50

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

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

Leave blank for
Surface Mount
(Requires -BE for
Bottom Entry)

-TE
= Through-hole
Top Entry

-PE
= Through-hole
Pass-through
Entry
(Requires -BE for
Bottom Entry)

-BE
= Bottom Entry
(Not available
with -TE)

-A
= Alignment Pin
(4 positions min.)
Metal or plastic at
Samtec discretion
(Not available with
-TE, -PE & -LC)

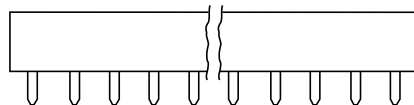
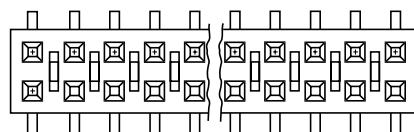
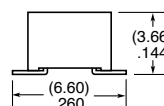
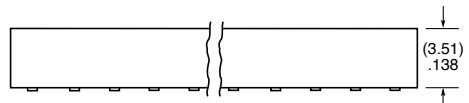
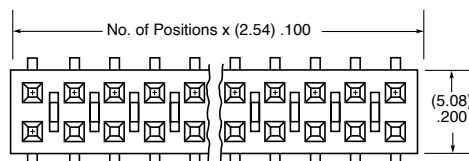
-LC
= Locking Clip
(2 positions min.)
(Not available with -A)
(Manual placement
required)

-K
= (6.50 mm)
.256" DIA
Polyimide Film
Pick & Place Pad
(3 positions min.)
Not available
with -TE or
-PE tail option

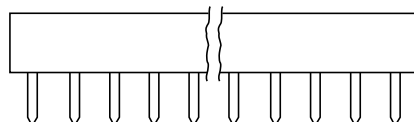
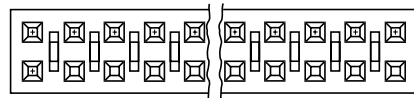
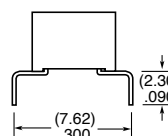
-P
= Metal Pick
& Place Pad
(3 positions min.)

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

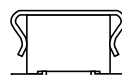
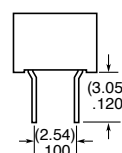
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)



-PE



-TE



-P



-LC



-A

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[HLE-102-02-F-DV-PE-BE-TR](#) [HLE-104-02-S-DV-TE-P-TR](#) [HLE-110-02-L-DV-TE-P-TR](#) [HLE-105-02-F-DV-A-BE-K](#)