

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. 090071_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) 		
					-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		
					-P = Metal Pick & Place Pad (3 positions min.) 		
					-TR = Tape & Reel Packaging (29 positions max.)		
					-TE = Through-Hole Top Entry 		
					-PE = Through-hole Pass-Through Entry (Requires -BE for Bottom 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		
					-P = Metal Pick & Place Pad (3 positions min.) 		
					-TR = Tape & Reel Packaging (29 positions max.)		

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

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