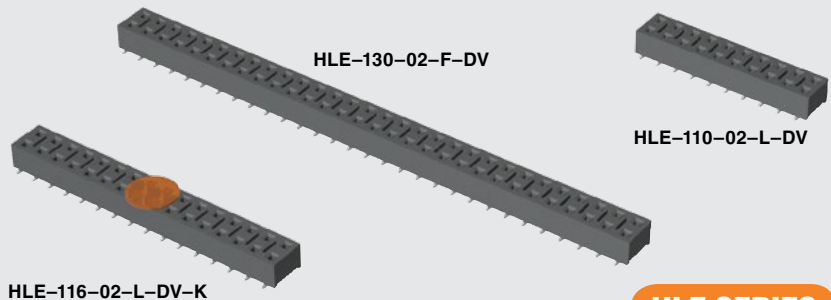




(2.54 mm) .100"

HLE-116-02-L-DV-K

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
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

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. 910071_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 = 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 	-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) 	
					-PE = Through-hole Pass-through Entry (Requires -BE for Bottom 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.) 	
						-TR = Tape & Reel Packaging (29 positions max.)	

02 thru 50

-PE **-TE**

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.