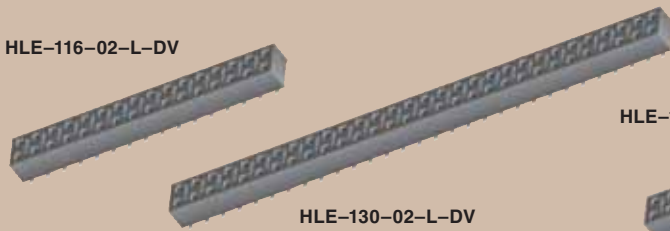


HLE-116-02-L-DV



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](http://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](http://www.samtec.com/quality)



## 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		Leave blank for Surface Mount	-BE = Bottom Entry (N/A with -TE)
				-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail		 (Requires -BE for Bottom Entry)	-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)
							-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	-P = Metal Pick & Place Pad (3 positions min.)
						 (Requires -BE for Bottom Entry)	
							-TR = Tape & Reel Packaging (29 positions max.)

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)