

HLE-116-02-L-DV



HLE-110-02-L-DV-A

HLE-130-02-L-DV

(2,54mm) .100"

HLE SERIES

# COST-EFFECTIVE RELIABLE SOCKET

## 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" (1,27µm) Ni

**Current Rating:**

2.5A @ 80°C ambient

**Voltage Rating:**

400 VAC

**Operating Temp Range:**

-55°C to +125°C

**Insertion Depth:**

(1,78mm) .070" to (3,43mm) .135", pass-through, or (2,59mm) .102" min for bottom entry

**Insertion Force:**

(Single contact only) 2oz (0,56N) avg.

**Withdrawal Force:**

(Single contact only) 1.6oz (0,44N) avg.

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

(0,10mm) .004" max (02-20)

(0,15mm) .006" max (21-50)



HLE	1	NO. PINS PER ROW	02	PLATING OPTION	DV	TAIL OPTION	OTHER OPTION
		<p><b>Mates With:</b> TSW, MTSW, DW, EW, ZW, TLW, TSM, MTLW, HW</p>	<p><b>-L</b> = 10µ" (0,25µm) Gold on contact, Matte Tin on tail</p> <p><b>Note:</b> Other Gold plating options available. Contact Samtec.</p>		<p>Leave blank for Surface Mount</p> <p>(Requires -BE for Bottom Entry)</p>		<p><b>-BE</b> = Bottom Entry (N/A with -TE)</p>
			<p><b>02 thru 50</b></p>		<p><b>-TE</b> = Through-Hole Top Entry</p>		<p><b>-A</b> = Alignment Pin (4 positions min.) Metal or plastic at Samtec discretion (N/A with -TE, -PE &amp; -LC)</p>
				<p><b>-PE</b> = Through-hole Pass Through Entry</p>		<p><b>-LC</b> = Locking Clip (2 positions min.) (N/A with -A) (Manual placement required)</p>	
				<p><b>-K</b> = (6,50mm) .256" DIA Polyimide Film Pick &amp; Place Pad (3 positions min.) Not available with -TE or -PE tail option</p>		<p><b>-P</b> = Metal Pick &amp; Place Pad (3 positions min.)</p>	
				<p><b>-TR</b> = Tape &amp; Reel Packaging (29 positions max.)</p>		<p>(Requires -BE for Bottom Entry)</p>	

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

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

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