

(2,54mm) .100"

HLE SERIES

HLE-116-02-L-DV



HLE-110-02-L-DV-A

HLE-130-02-L-DV

COST-EFFECTIVE RELIABLE SOCKET

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" (1,27µm) 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>Mates With: TSW, MTSW, DW, EW, ZW, TLW, TSM, MTLW, HW</p>			<p>-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail</p> <p>Note: Other Gold plating options available. Contact Samtec.</p>		<p>Leave blank for Surface Mount</p> <p>(Requires -BE for Bottom Entry)</p>		<p>-BE = Bottom Entry (N/A with -TE)</p>
<p>TIGER BEAM CONTACT</p>			<p>02 thru 50</p>		<p>-TE = Through-Hole Top Entry</p>		<p>-A = Alignment Pin (4 positions min.) Metal or plastic at Samtec discretion (N/A with -TE, -PE & -LC)</p>
<p>-PE = Through-hole Pass Through Entry</p>			<p>-K = (6,50mm) .256" DIA Polyimide Film Pick & Place Pad (3 positions min.) Not available with -TE or -PE tail option</p>		<p>-P = Metal Pick & Place Pad (3 positions min.)</p>		<p>-LC = Locking Clip (2 positions min.) (N/A with -A) (Manual placement required)</p>
<p>-TR = Tape & 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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