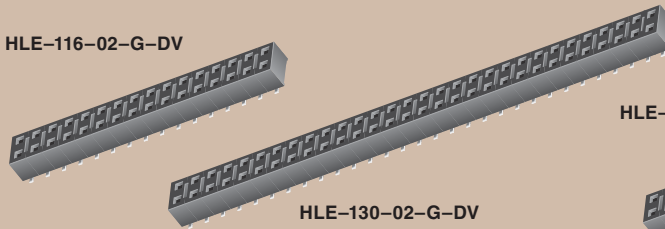


HLE-116-02-G-DV



HLE-110-02-G-DV-A

HLE-130-02-G-DV

.025" SQ SOCKET HLE SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HLE

Insulator Material:
Black Liquid Crystal Polymer



Contact Material:
BeCu

Plating:
Au over 50µ" (1,27µm) Ni

Current Rating:
2.5A @ 80°C ambient

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:

Max Processing Temp:
230°C for 60 seconds, or 260°C for 20 seconds 3x

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>-G = 30µ" (0,76µm) Gold on contact, Gold Flash on tail</p> <p>-S = 30µ" (0,76µm) Gold on contact, Matte Tin on tail</p>		<p>Leave blank for Surface Mount</p> <p>(Requires -BE for Bottom Entry)</p>		<p>-BE = Bottom Entry (Requires Surface Mount or -PE)</p>
<p>02 thru 50</p>			<p>-TE = Through-Hole Top Entry</p>		<p>-LC = Locking Clip (2 positions min.)</p>		<p>-A = Alignment Pin (4 positions min.) Metal or plastic at Samtec discretion</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>-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.

WWW.SAMTEC.COM