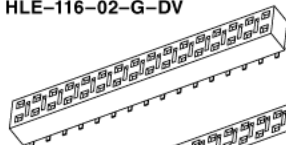
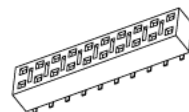




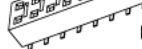
HLE-116-02-G-DV



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

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)

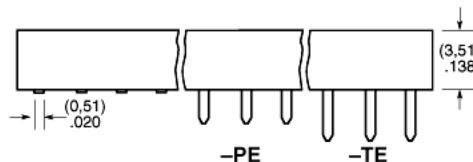
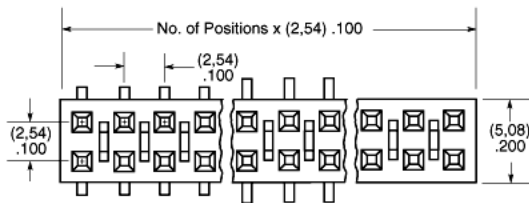


Mates With:

TSW, MTSW, DW, EW, ZW, TLW, TSM, MTLW, HW



02 thru 50



HLE	1	NO. PINS PER ROW	02	PLATING OPTION	DV	TAIL OPTION	OTHER OPTION
				-G = 10µ" (0,25µm) Gold			-BE = Bottom Entry (Requires Surface Mount or -PE)
				-S = 30µ" (0,76µm) Gold on contact, Matte Tin on tail	Leave blank for Surface Mount		-A = Alignment Pin (4 positions min.) Metal or plastic at Samtec discretion.
					(Requires -BE for Bottom Entry)		
					-TE = Through-Hole Top Entry		-LC = Locking Clip (2 positions min.)
					-PE = Through-Hole Pass Through Entry		-K = (6,50mm) .256" DIA Polyimide Film Pick & Place Pad (3 positions min.) Not available with -TE or -PE tail option
					(Requires -BE for Bottom Entry)		-P = Metal Pick & Place Pad (3 positions min.)
							-TR = Tape & Reel Packaging (29 positions max.)

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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