



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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A. System Overview

UL LISTED One-Hole, Straight Tongue Lug with Internal Pressure Plate

B1. Cable Ties

For Use with Copper Code Conductors

Type HL

B2. Cable Accessories

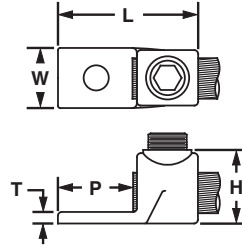
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Pressure plate* provides uniform clamping force on conductor for premium electrical performance
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600 V and temperature rated 90°C

B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

Part Number	Copper Conductor Size Range	Stud Hole Size (in.)	Hex Key Size (in.)	Figure Dimensions (in.)					Std. Pkg. Qty.
				L	W	H	T	P	
HL1-25-X	#14 SOL – #8 STR	1/4	**	1.38	0.56	0.79	0.19	0.81	10
HL4-1-X	#8 SOL – #4 STR	1/4	**	1.38	0.56	0.79	0.19	0.81	10
HL8-1-X	#4 SOL – #1 STR	1/4	7/16	1.56	0.75	0.90	0.22	0.69	10
HL13-1-5	#1 STR – 2/0 STR	3/8	9/16	1.88	0.81	1.14	0.22	0.88	5
HL21-1-5	2/0 STR – 4/0 STR	3/8	9/16	2.19	1.00	1.31	0.25	1.00	5
HL30-1-2	4/0 STR – 300 kcmil	1/2	5/8	2.50	1.06	1.47	0.31	1.25	2
HL50-1-2	300 kcmil – 500 kcmil	1/2	3/4	3.00	1.38	1.65	0.34	1.50	2

*HL1-25-X and HL4-1-X do not include pressure plates.

**Uses slotted head set screw.

D1. Terminals

D2. Power Connectors

UL LISTED One-Hole, Straight Tongue, Flag Lug

D3. Grounding Connectors

For Use with Copper Code Conductors

Type HLB

E1. Labeling Systems

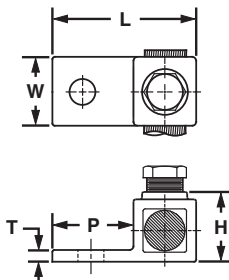
- Provides connection of conductor at right angles to terminal bar
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Flush bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600 V and temperature rated 90°C

E2. Labels

E3. Pre-Printed & Write-On Markers



E4. Permanent Identification



E5. Lockout/Tagout & Safety Solutions

Part Number	Copper Conductor Size Range	Stud Hole Size (in.)	Hex Key Size (in.)	Figure Dimensions (in.)					Std. Pkg. Qty.
				L	W	H	T	P	
HLB4-1-X	#8 SOL – #4 STR	1/4	**	1.25	0.50	0.79	0.19	0.63	10

**Uses slotted head set screw.

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