



# CARRIER STRIPS HLS & HLT SERIES

**Mates with:**

TS-1, HTS, BBS, BBL, BHS, BBD, BDL, LBS, HLT, TSB

Lead sockets "float" and "self-center" when this low profile carrier is soldered. Ideal for most VP or IR processes.

**SPECIFICATIONS**

For complete specifications see [www.samtec.com?HLS](http://www.samtec.com?HLS)

Same as SL-1 except:  
**Insulator Material:** Black High Temperature Thermoplastic  
**Temperature Range:** -55°C to +140°C  
**Heat Deflection Temp:** 215°C @ 264 psi

**Note:** This Series is non-standard, non-returnable.



HLS	NO. ROWS	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION
Total Pins = No. Rows x No. Pins Per Row		-01 thru -20 (requires both digits)	-G = 30µ" (0,76µm) Gold Contact 10µ" (0,25µm) Gold Shell	-L = Locking Socket	<p>Requires Style -2 or -22 and .035" ± .003" DIA board hole.</p>
<p>Total Pins = No. Rows x No. Pins Per Row</p>		-01 thru -20 (requires both digits)	-T = 30µ" (0,76µm) Gold Contact Tin Shell		
			-S = 10µ" (0,25µm) Gold Contact Tin Shell (Styles 2 & 22 only)		
			-TT = Tin Contact and Shell (Styles 2, 10, 11, 12, 18, 22, 30, 31 & 32 only)		

Low Insertion Force (LIF) Available

-2 or -18 = Standard Socket For LIF specify -22 or -38	-3 = Body Only For LIF specify -23	-10 = Low Profile Hollow Leg For LIF specify -30	-11 = Low Profile Standard For LIF specify -31	-12 = Micro Socket For LIF specify -32	-14 or -15 = Short Tail															
<table border="1"> <tr><th>STYLE</th><th>Y</th><th>Z</th></tr> <tr><td>-2 or -22*</td><td>(3,18) .125</td><td>(7,62) .300</td></tr> <tr><td>-18 or -38</td><td>(4,57) .180</td><td>(8,89) .350</td></tr> </table> <p>*Locking Lead Available. See Option.                  Lead DIA Accepted = .015" to .022"                  Insertion Depth = .095" to .150"                  Style 2 Component Part No. = SC-1P1                  Style 22 Component Part No. = EZ-1P1                  Style 18 Component Part No. = SC-6P1                  Style 38 Component Part No. = EZ-6P1</p>	STYLE	Y	Z	-2 or -22*	(3,18) .125	(7,62) .300	-18 or -38	(4,57) .180	(8,89) .350	<p>Lead DIA Accepted = .015" to .022"                  Insertion Depth = .125" to .175"                  Style 3 Component Part No. = SC-1S1                  Style 23 Component Part No. = EZ-1S1</p>	<p>Lead DIA Accepted = .015" to .022"                  Insertion Depth = .105" to .170"                  Style 10 Component Part No. = SC-3P1                  Style 30 Component Part No. = EZ-3P1</p>	<p>Lead DIA Accepted = .016" to .021"                  Insertion Depth = .080" to .115"                  Style 11 Component Part No. = SC-4P1                  Style 31 Component Part No. = EZ-4P1</p>	<p>Lead DIA Accepted = .016" to .020"                  Insertion Depth = .080" to .150"                  Style 12 Component Part No. = SC-5P1                  Style 32 Component Part No. = EZ-5P1</p>	<table border="1"> <tr><th>STYLE</th><th>Z</th></tr> <tr><td>-14</td><td>(5,08) .200</td></tr> <tr><td>-15</td><td>(4,24) .167</td></tr> </table> <p>N/A Single Row                  Lead DIA Accepted = .015" to .022"                  Style 14 Insertion Depth = .125" to .150"                  Style 14 Component Part No. = SC-1M1                  Style 15 Insertion Depth = .080" to .110"                  Style 15 Component Part No. = SC-1M2</p>	STYLE	Z	-14	(5,08) .200	-15	(4,24) .167
STYLE	Y	Z																		
-2 or -22*	(3,18) .125	(7,62) .300																		
-18 or -38	(4,57) .180	(8,89) .350																		
STYLE	Z																			
-14	(5,08) .200																			
-15	(4,24) .167																			

**Mates with:** SS-1, SD-1, HSS, SL, SDL, ESS, ESD, HLS

**SPECIFICATIONS**

For complete specifications see [www.samtec.com?HLT](http://www.samtec.com?HLT)

Same as HLS except:  
**Terminal Material:** Brass  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 1A



**Note:** This Series is non-standard, non-returnable.

HLT	NO. ROWS	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE
Total Pins = No. Rows x No. Pins Per Row		-01 thru -20 (requires both digits)	-G = 20 µ" (0,51 µm) Gold	-R
<p>Total Pins = No. Rows x No. Pins Per Row</p>		01 thru 20 (requires both digits)	-T = Tin	-H
				-T = Short Tail
				<p>Component No. T-2R6-</p>
				<p>Component No. T-1R6-</p>
				<p>Component No. T-3R6-</p>

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [000-34000](#) [0009482033](#) [0009507031](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [647662-1](#) [65039-019ELF](#) [65781-018](#) [65781-047](#) [65817-002LF](#) [65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67016-026LF](#) [67046-001LF](#)