



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

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	
		-T = 30µ" (0,76µm) Gold Contact Tin Shell		Requires Style -2 or -22 and .035" ± .003" DIA board hole.	
-01 thru -20 (requires both digits)		-S = 10µ" (0,25µm) Gold Contact Tin Shell (Styles 2 & 22 only)			
Total Pins = No. Rows x No. Pins Per Row		-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	-3 = Body Only	-10 = Low Profile Hollow Leg	-11 = Low Profile Standard	-12 = Micro Socket	-14 or -15 = Short Tail																							
For LIF specify -22 or -38	For LIF specify -23	For LIF specify -30	For LIF specify -31	For LIF specify -32																								
<table border="1"> <tr><th>STYLE</th><th>Y</th><th>Z</th></tr> <tr><td>-2</td><td>(3,18)</td><td>(7,62)</td></tr> <tr><td>-18</td><td>(4,57)</td><td>(8,89)</td></tr> <tr><td>-22</td><td>(1,25)</td><td>(3,00)</td></tr> <tr><td>-38</td><td>(1,80)</td><td>(3,50)</td></tr> </table>	STYLE	Y	Z	-2	(3,18)	(7,62)	-18	(4,57)	(8,89)	-22	(1,25)	(3,00)	-38	(1,80)	(3,50)					<table border="1"> <tr><th>STYLE</th><th>Z</th></tr> <tr><td>-14</td><td>(5,08)</td></tr> <tr><td>-15</td><td>(4,24)</td></tr> <tr><td></td><td>(1,67)</td></tr> </table>	STYLE	Z	-14	(5,08)	-15	(4,24)		(1,67)
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*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	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	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	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	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	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																							

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

SPECIFICATIONS

For complete specifications see 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
-01 thru -20 (requires both digits)		01 thru 20 (requires both digits)		-R
Total Pins = No. Rows x No. Pins Per Row 		-G = 20 µ" (0,51 µm) Gold		
-01 thru -20 (requires both digits)		-T = Tin		-H
Total Pins = No. Rows x No. Pins Per Row				-T = Short Tail

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

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