



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	<p>Requires Style -2 or -22 and .035" ± .003" DIA board hole.</p> <p>(7,62) .300 (3,43) .135</p>
<p>(2,54) .100 TYP (2,54) .100 x No. of Positions (1,27) .050</p> <p>Total Pins = No. Rows x No. Pins Per Row</p>		-T = 30µ" (0,76µm) Gold Contact Tin Shell	-S = 10µ" (0,25µm) Gold Contact Tin Shell (Styles 2 & 22 only)		
		-01 thru -20 (requires both digits)	-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>(5,16) .203 ±.010 (1,32) .052 DIA</p> <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>(1,32) .052 DIA (3,10) .122 (5,84) .230 (0,76) .030 DIA</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>(1,32) .052 DIA (3,35) .132 (6,10) .240 (0,51) .020 DIA</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>(2,41) .095 (4,83) .190 (1,32) .052 DIA (0,76) .030 DIA</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>(0,89) .035 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

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)	01 thru 20 (requires both digits)	-R		
<p>(2,54) .100 TYP (2,54) .100 x No. of Positions (1,27) .050</p>		-G = 20 µ" (0,51 µm) Gold	-T = Tin	-H		
				-T = Short Tail		
				<p>(0,46) .018 DIA (3,18) .125 (2,08) .082 (1,78) .125 (3,18) .125 (0,46) .018 DIA Component No. T-2R6-</p>	<p>(0,46) .018 DIA (2,92) .115 (1,96) .077 (1,78) .125 (2,74) .108 (0,46) .018 DIA Component No. T-1R6-</p>	<p>(0,46) .018 DIA (3,18) .125 (1,96) .077 (0,46) .018 DIA (0,89) .035 Component No. T-3R6-</p>

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

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