

samtec

HLS-0308-G-2

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:

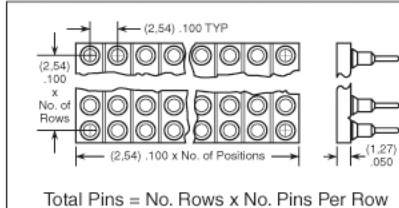
215°C @ 264 psi

Note:

This Series is non-standard, non-returnable.



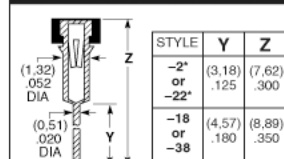
HLS	NO. ROWS	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION
Total Pins = No. Rows x No. Pins Per Row		-01 thru -20 (requires both digits)	-G = 30μ" (0,76μm) Gold Contact 10μ" (0,25μm) Gold Shell		-L = Locking Socket
			-T = 30μ" (0,76μm) Gold Contact Tin Shell		
			-S = 10μ" (0,25μm) Gold Contact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



Total Pins = No. Rows x No. Pins Per Row

Low Insertion Force (LIF) Available

-2 or -18 = Standard Socket
For LIF specify -22 or -38



*Locking Lead Available. See Option.

Lead DIA Accepted = .015" to .022"

Insertion Depth = .095" to .150"

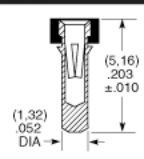
Style 2 Component Part No. = SC-1P1

Style 22 Component Part No. = EZ-1P1

Style 18 Component Part No. = SC-6P1

Style 38 Component Part No. = EZ-6P1

-3 = Body Only
For LIF specify -23



Lead DIA Accepted = .015" to .022"

Insertion Depth = .125" to .175"

Style 3 Component Part No. = SC-1S1

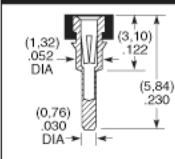
Style 23 Component Part No. = SC-3P1

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-10 = Low Profile Hollow Leg
For LIF specify -30



Lead DIA Accepted = .015" to .022"

Insertion Depth = .105" to .170"

Style 10 Component Part No. = SC-3P1

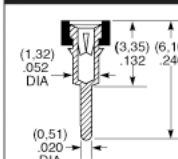
Style 30 Component Part No. = SC-3P1

Style 30 Component Part No. = SC-3P1

Style 30 Component Part No. = SC-3P1

Style 30 Component Part No. = SC-3P1

-11 = Low Profile Standard
For LIF specify -31



Lead DIA Accepted = .016" to .021"

Insertion Depth = .080" to .115"

Style 11 Component Part No. = SC-4P1

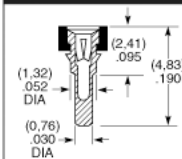
Style 31 Component Part No. = SC-4P1

Style 31 Component Part No. = SC-4P1

Style 31 Component Part No. = SC-4P1

Style 31 Component Part No. = SC-4P1

-12 = Micro Socket
For LIF specify -32



Lead DIA Accepted = .016" to .020"

Insertion Depth = .080" to .150"

Style 12 Component Part No. = SC-5P1

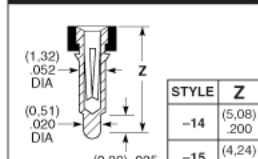
Style 32 Component Part No. = SC-5P1

Style 32 Component Part No. = SC-5P1

Style 32 Component Part No. = SC-5P1

Style 32 Component Part No. = SC-5P1

-14 or -15 = Short Tail



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

Style 15 Component Part No. = SC-1M2

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

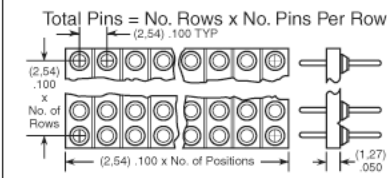
50μ" (1,27μm) Ni

Current Rating:

1A



HLT	NO. ROWS	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE
-01 thru -20 (requires both digits)		01 thru 20 (requires both digits)	-G = 20 μ" (0,51 μm) Gold	-R
			-T = Tin	-H
				-T = Short Tail



Note:

This Series is non-standard, non-returnable.

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

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