

# 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](http://www.samtec.com?HLS)

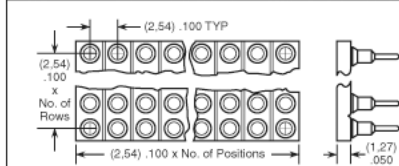
Same as SL-1 except:  
**Insulator Material:** Black High Temperature Thermoplastic  
**Temperature Range:** -55°C to +140°C  
**Heat Deflection Temp:** 215°C @ 264 psi

### Note:

This Series is non-standard, non-returnable.

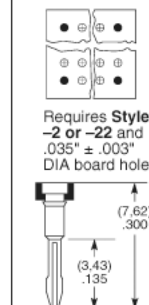


| HLS                                      | NO. ROWS | NO. PINS PER ROW                       | PLATING OPTION                                                                     | LEAD STYLE | OPTION                 |
|------------------------------------------|----------|----------------------------------------|------------------------------------------------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



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

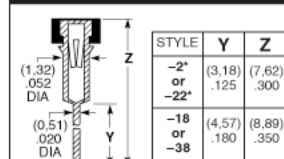
-01 thru -20  
(requires both digits)



Requires Style -2 or -22 and .035" ± .003" DIA board hole.

Low Insertion Force (LIF) Available

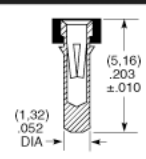
-2 or -18 = Standard Socket  
For LIF specify -22 or -38



\*Locking Lead Available. See Option.

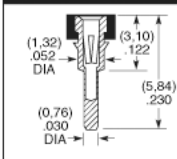
Lead DIA Accepted = .015" to .022"  
 Insertion Depth = .095" to .150"  
 Style 2 Component Part No. = SC-1P1  
 Style 22 Component Part No. = EZ-1P1  
 Style 18 Component Part No. = SC-6P1  
 Style 38 Component Part No. = EZ-6P1

-3 = Body Only  
For LIF specify -23



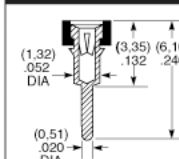
Lead DIA Accepted = .015" to .022"  
 Insertion Depth = .125" to .175"  
 Style 3 Component Part No. = SC-1S1  
 Style 23 Component Part No. = EZ-1S1

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



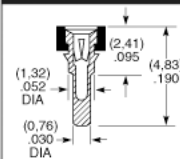
Lead DIA Accepted = .015" to .020"  
 Insertion Depth = .105" to .170"  
 Style 10 Component Part No. = SC-3P1  
 Style 30 Component Part No. = EZ-3P1

-11 = Low Profile Standard  
For LIF specify -31



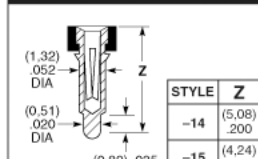
Lead DIA Accepted = .016" to .021"  
 Insertion Depth = .080" to .115"  
 Style 11 Component Part No. = SC-4P1  
 Style 31 Component Part No. = EZ-4P1

-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. = EZ-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

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)

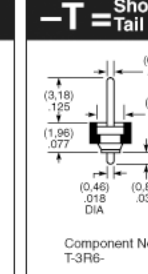
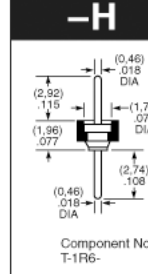
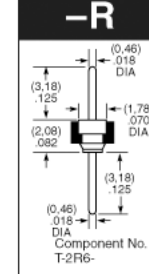
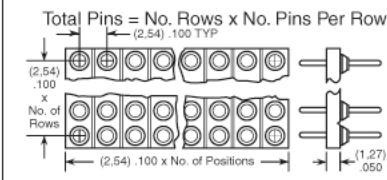
Same as HLS except:  
**Terminal Material:** Brass  
**Plating:** Au or Sn over 50μ" (1,27μm) Ni  
**Current Rating:** 1A

### Note:

This Series is non-standard, non-returnable.



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



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

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