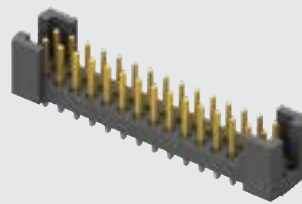
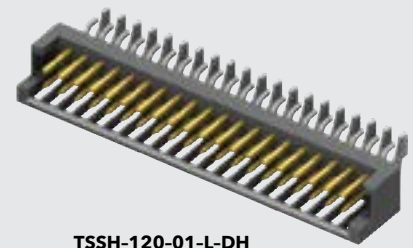


TSSH-115-01-L-D



TSSH-120-01-L-DH



(2.54 mm) .100"

TSSH SERIES

# SHROUDED .025" SQ POST HEADERS

## Board Mates:

SSW, SSQ, SSM

## Important Note:

This Series will only mate with SSW, SSQ &amp; SSM Series

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com/TSSH](http://www.samtec.com/TSSH)

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over 50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity (-DV):

(0.10 mm) .004" max (05-10)

(0.15 mm) .006" max (15-20)\*

(0.20 mm) .008" max (25-36)\*

### SMT Lead Coplanarity (-DH):

(0.15 mm) .006" max\*

\*(.004" stencil solution may be available; contact [ipg@samtec.com](mailto:ipg@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

FILE NO. E111594

## APPLICATIONS



## ALSO AVAILABLE (MOQ Required)

- Other platings

## Note:

Some lengths, styles and options are non-standard, non-returnable.

TSSH

1

NO. PINS PER ROW

01

PLATING OPTION

ROW OPTION

OTHER OPTION

05, 10, 15, 20,  
25, 30, 34

(-D-RA, -DH)

05, 10, 15, 20,  
25, 30, 35, 36

(-D, -DV)

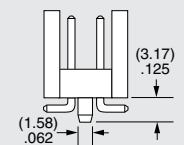
-L

= 10  $\mu$ " (0.25  $\mu$ m) Gold on post,  
Matte Tin on tail

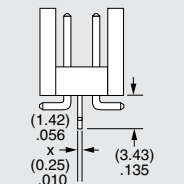
-T

= Matte Tin

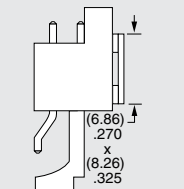
-A

= Alignment Pin  
(N/A with -LC)

-LC

= Locking Clip  
(-DV only)  
(N/A with -A)  
(Manual placement required)

-P

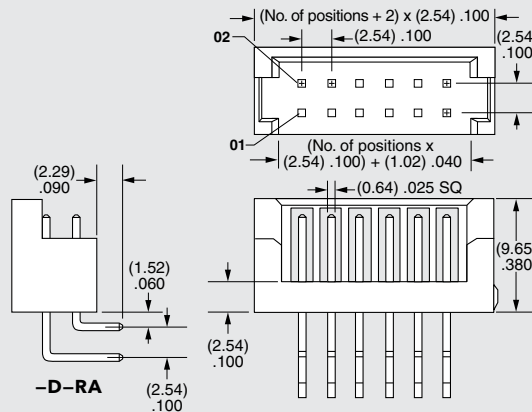
= Plastic Pick  
& Place Pad  
(-DH only) 5 pos. min

-TR

= Tape & Reel  
5 to 25 positions  
(-DH & -DV only)

-FR  
= Full Reel  
Tape & Reel  
(must order max.  
quantity per reel;  
Contact Samtec for  
quantity breaks)  
5 to 25 positions  
(-DH & -DV only)

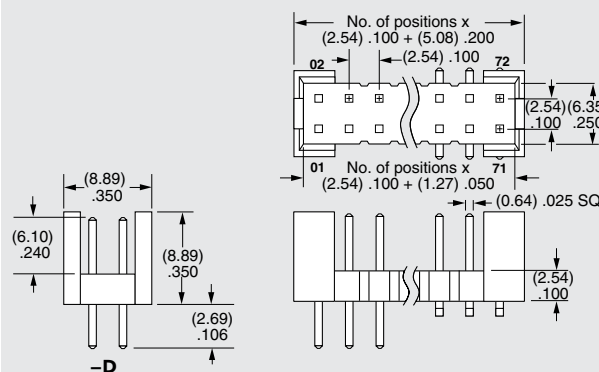
-D-RA

= Double Row Right-angle Pin  
Through-hole

-DH

= Double Row Horizontal Pin  
Surface Mount

-D

= Double Row Vertical Pin  
Through-hole

-DV

= Double Row Vertical Pin  
Surface Mount