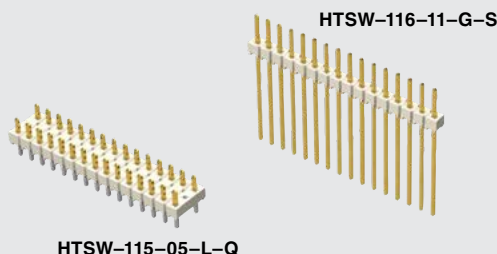




(2.54 mm) .100"



TSW-209-09-F-S-RA

# THROUGH-HOLE .025" SQ POST HEADER

## Board Mates:

SSW, SSQ, SSM, ESW, ESQ, BCS, BSW, CES, SLW

## Cable Mates:

IDSD, IDSS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TSW](http://www.samtec.com?TSW) or [www.samtec.com?HTSW](http://www.samtec.com?HTSW)

### Insulator Material:

TSW: Black Glass Filled Polyester

HTSW: Natural Liquid

Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over 50 μm (1.27 μm) Ni

### Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

### Voltage Rating:

550 VAC mated with SSW;

500 VAC mated with

BCS or ESQ;

450 VAC -RA/-RE mated with

BCS or SSM

400 VAC mated with CES

RoHS Compliant: Yes

Lead-Free Solderable:

HTSW: Yes

TSW: No, Lead Wave Only

### CURRENT RATING (PER PIN)

TSW mated with

| ESW   | SSW   | SLW   | SSQ   | SSM   | BCS   | SNT   |
|-------|-------|-------|-------|-------|-------|-------|
| 5.2 A | 5.7 A | 5.2 A | 6.3 A | 5.2 A | 4.6 A | 4.3 A |

2 POSITIONS POWERED

## RECOGNITIONS

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



## APPLICATIONS

SSW TSW



HORIZONTAL

## ALSO AVAILABLE (MOQ Required)

- Other platings

### Note:

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

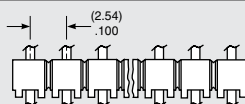
## TYPE STRIP

TSW = Standard Strip

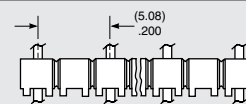
HTSW = Hi-Temp Strip

## PIN CENTERS

-1 = .100" (2.54 mm) Centers, All Positions Filled

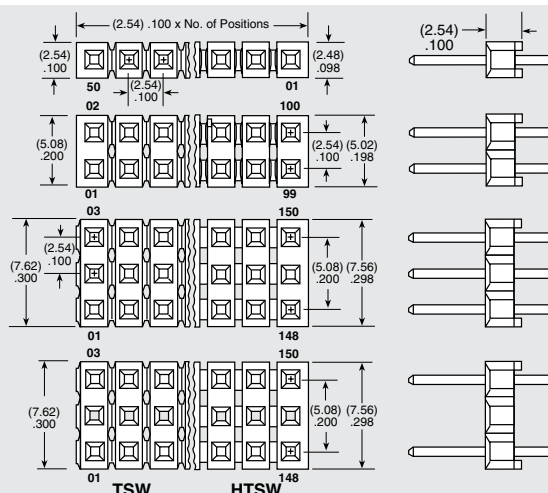


-2 = .200" (5.08 mm) Centers, Every Other Position Filled



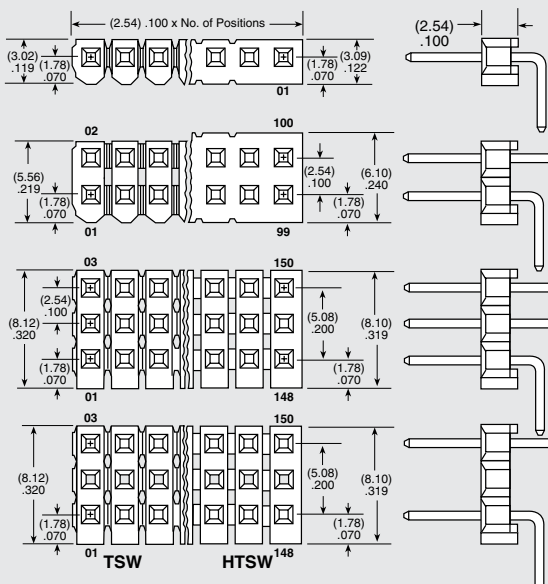
## NO. PINS PER ROW

### Straight Pin Versions



01 thru 50  
= .100" (2.54 mm)  
Center Version

### Right-Angle Versions



02 thru 25  
= .200" (5.08 mm)  
Center Version

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

