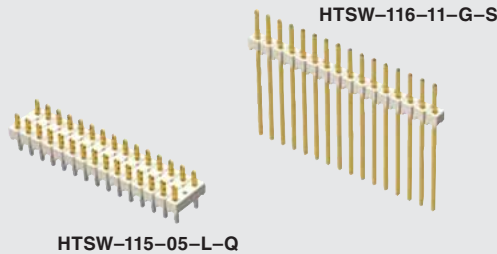




(2.54 mm) .100"



TSW-209-09-F-S-RA

# THROUGH-HOLE .025" SQ POST HEADER

## Mates with:

SSW, SSQ, SSM, ESW, ESQ,  
BCS, BSW, CES, SLW, IDSD,  
IDSS, SMSD, SMSS

## 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 μ" (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 |

1 POSITION POWERED PER ROW

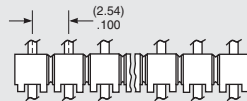
## TYPE STRIP

TSW = Standard  
Strip

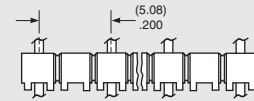
HTSW = Hi-Temp  
Strip

## PIN CENTERS

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

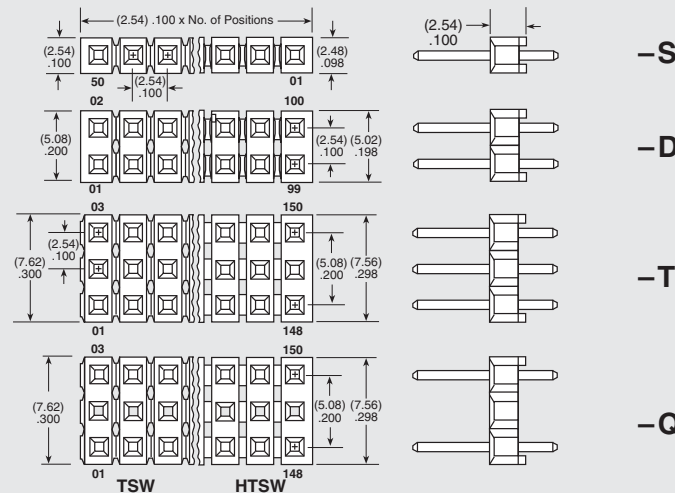


-2 = .200" (5.08 mm) Centers,  
Every Other Position Filled



## NO. PINS PER ROW

### Straight Pin Versions



-S

-D

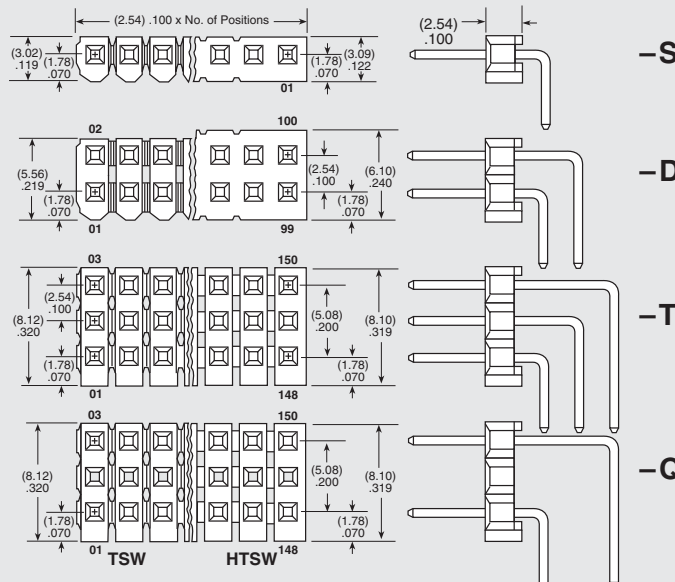
-T

-Q

01  
thru  
50

= .100" (2.54 mm)  
Center Version

### Right Angle Versions



-S

-D

-T

-Q

02  
thru  
25

= .200" (5.08 mm)  
Center Version

## RECOGNITIONS

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



## APPLICATIONS

BCS TSW

HORIZONTAL

## ALSO AVAILABLE (MOQ Required)

- Other platings  
Contact Samtec.

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

