



(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
or 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 50µ" (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: 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

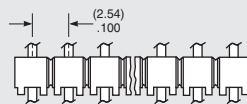
TYPE STRIP

TSW = Standard
Strip

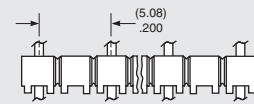
HTSW = Hi-Temp
Strip

PIN CENTERS

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

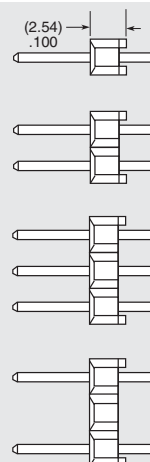
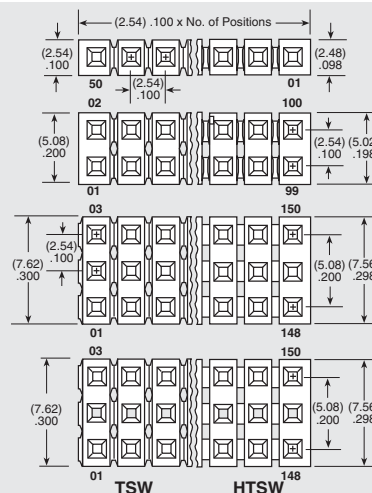


-2 = .200" (5.08 mm) Centers,
Every Other Position Filled



NO. PINS PER ROW

Straight Pin Versions



-S

-D

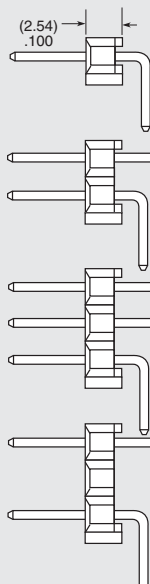
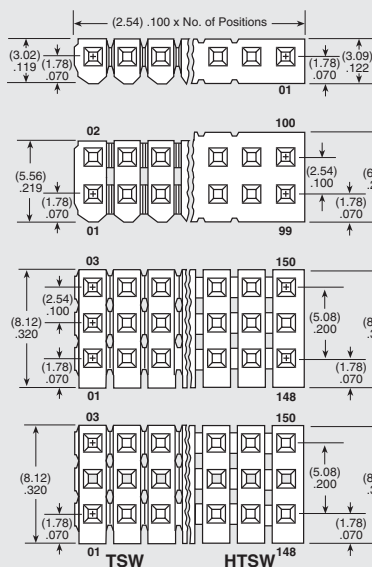
-T

-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



APPLICATIONS



HORIZONTAL

ALSO AVAILABLE (MOQ Required)

- Other platings
Contact Samtec.

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

