



(2,54mm) .100"

TSW, HTSW SERIES

TSW-108-05-L-Q

TSW-116-11-G-S

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

TSW

Insulator Material:

Black Glass Filled
Polyester

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over 50µ" (1,27µm) 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

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave Only



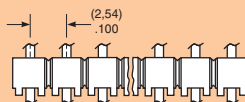
TYPE STRIP

TSW = Standard Strip

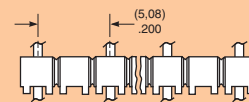
HTSW = Hi-Temp Strip

PIN CENTERS

-1 = .100" (2,54mm) Centers,
All Positions Filled



-2 = .200" (5,08mm) Centers,
Every Other Position Filled



NO. PINS PER ROW

CURRENT RATING						
AMBIENT TEMP	TSW mated with					
	ESW	SSW	SLW	SSQ	SSM	BCS
20°C	6.9A	6.9A	7.1A	7.6A	6.9A	5.9A
40°C	6A	6.1A	6.2A	6.9A	6A	5.2A
60°C	5.3A	5.3A	5.8A	5.9A	5.3A	4.7A
95°C	3.5A	3.5A	3.7A	3.9A	3.5A	3A

6 POSITIONS (2x3) POWERED

SPECIFICATIONS

For complete specifications
see www.samtec.com?HTSW

HTSW

Same as TSW

except:

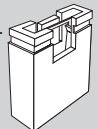
Insulator Material:

Natural Liquid Crystal
Polymer



ALSO AVAILABLE

Shunts.
See
SNT
Series



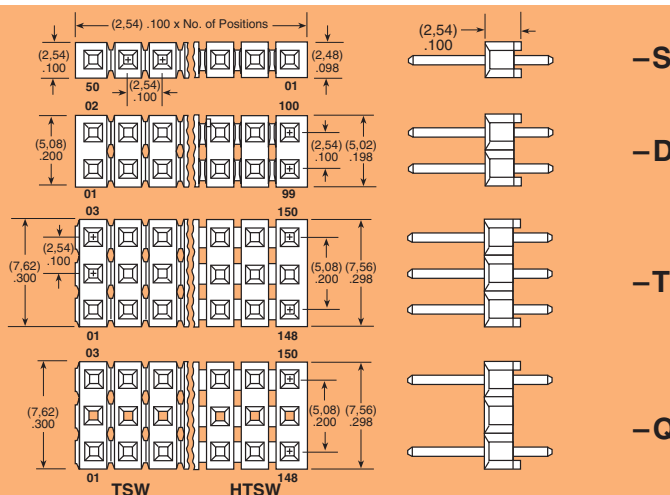
Note: Some lengths,
styles and options are
non-standard, non-returnable.

APPLICATIONS



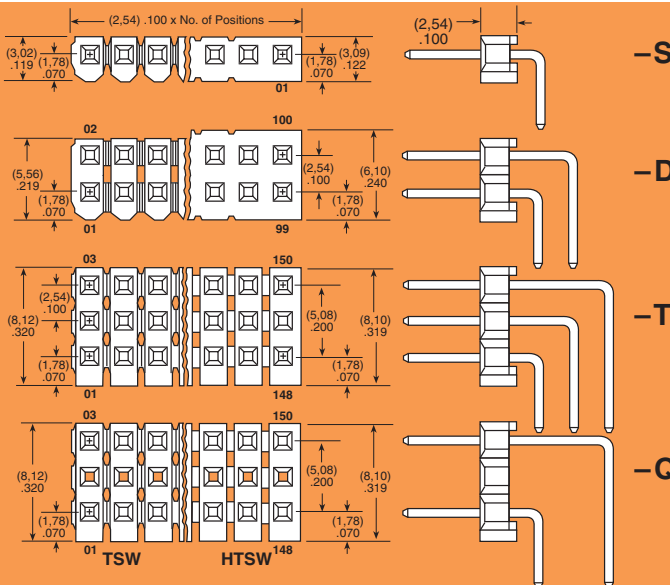
HORIZONTAL

Straight Pin Versions



01
thru
50
= .100" (2,54mm)
Center Version

Right Angle Versions

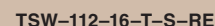
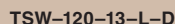
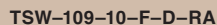
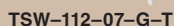


02
thru
25
= .200" (5,08mm)
Center Version

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

WWW.SAMTEC.COM

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PLATING OPTION

ROW OPTION

OTHER OPTIONS

= Gold flash on post, Matte Tin on tail

= 10μ" (0,25μm) Gold on post, Matte Tin on tail

= 10μ" (0,25μm) Gold on post, Gold flash on balance

= Matte Tin

**= 30µ" (0,76µm) Gold stripe on contact area,
Gold flash to tip, Matte Tin on tail
(Mates with SSW, SSQ, SSM, ESW, ESQ, BCS only)
(Straight lead styles -07, -08, -09 and Right Angle (-RA) -08 only)**

Note: Other Gold plating options available. Contact Samtec.

–S
= Single
Row

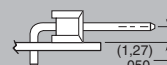
-D
= Double Bow

-T
= Triple Row

—Q
= Double
Row
(5,08mm)
.200"
row
space

– RA or –RE
= Right Angle

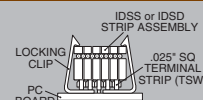
–NA
= Right Angle
(using straight body for coplanar mating with SSW-RA series)



-LL
Locking Lead

Two leads per strip crimped in opposite directions on or near centerline. See charts for available styles. N/A with single row 1 or 2 positions. Recommended hole size: $1.02\text{mm} \pm 0.03\text{mm}$, $.040" \pm .001"$

= Locking Clip
(Styles -08 thru
-13 & -22 only)



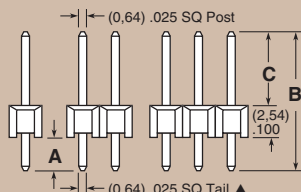
Requires 4 pin minimum
(NA with -T,-Q,-RA or -RE)

**= -RA Option
with -LL Option**

XXX
= Polarized Position

(Specify "LEAD STYLE" from chart)

* Available with -LL
(Locking Lead) Option



Specify -07 for best mate with IDXX Series IDC Cable

+ Style -41 & -42 available with HTSW only.

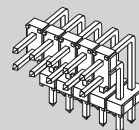
▲Except: Style –26
(0,46) .018 DIA Tail

(Specify "LEAD STYLE" from chart and select -RA or -RE from other options)

*Available with –LA
(Locking Lead) Option

**ALSO
AVAILABLE**

Elevated Right
Angle option.
Call Samtec.



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