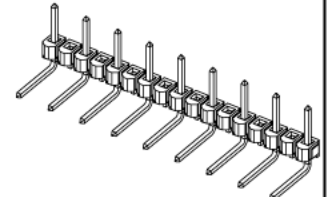
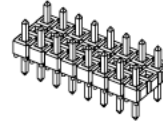


TSW-108-05-S-Q



TSW-209-09-S-S-RA



.025"sq TERMINAL STRIPS TSW SERIES

Mates with:
SSW, SSQ, ESW, ESQ,
BCS, BSW, IDSD, IDSS,
CES, SLW

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



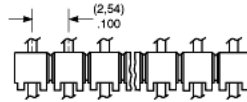
TYPE STRIP

TSW = Standard Strip

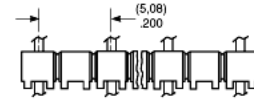
HTSW = Hi-Temp Strip

PIN CENTERS

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



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



NO. PINS PER ROW

CURRENT RATING	
AMBIENT TEMPERATURE	TSW mated with SSW
20°C	7A
40°C	6A
60°C	4A
80°C	3A

Processing:
Lead-Free Solderable:
Wave Only

SPECIFICATIONS

For complete specifications see www.samtec.com?HTSW

HTSW

Same as TSW

except:

Insulator Material:

Natural Liquid Crystal Polymer

Processing:

Max Processing Temp:

230°C for 30 to 60 seconds,

or 260°C for 20 seconds 3x

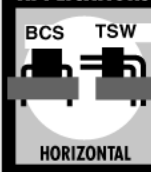
with all Au or Matte Sn

Lead-Free Solderable:

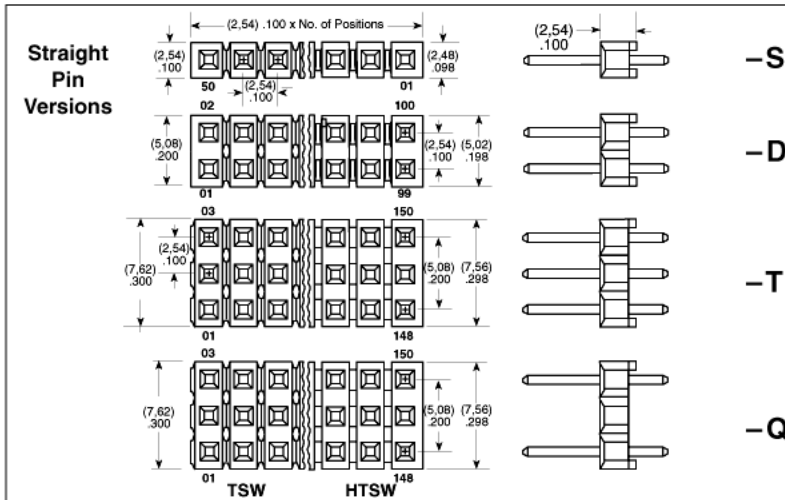
Wave, or reflow with all Au

or Matte Sn

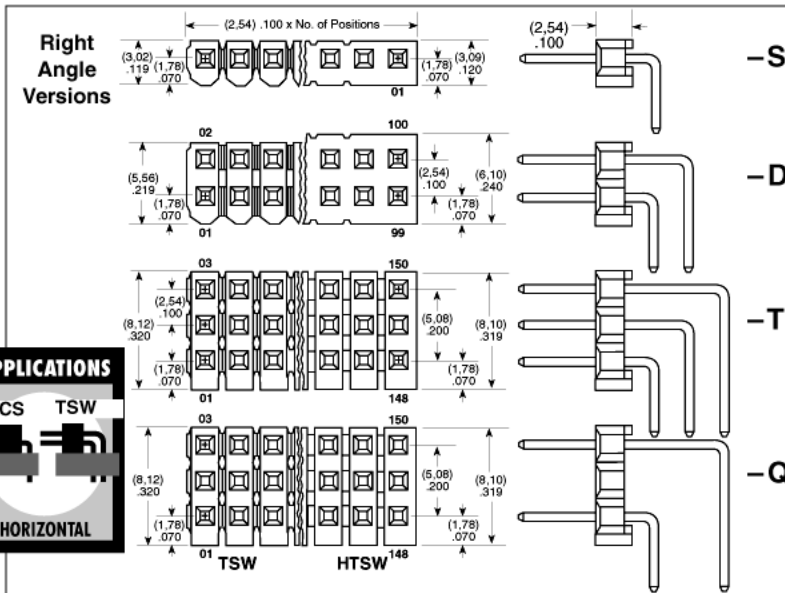
APPLICATIONS



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



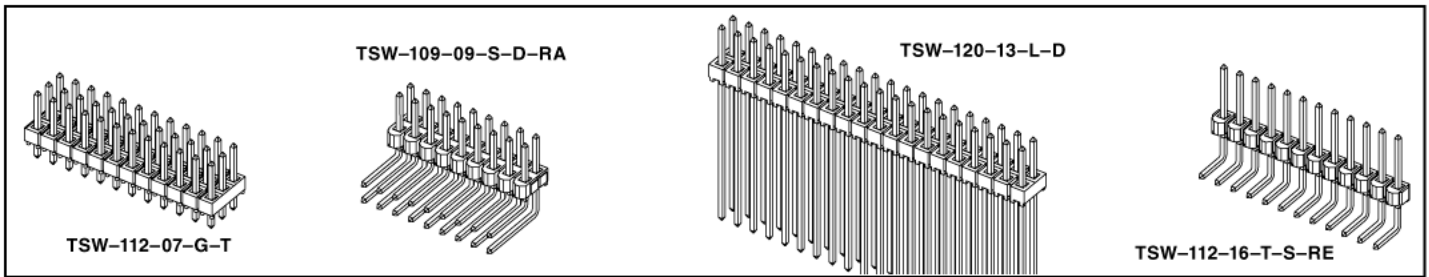
01 thru 50
= .100" (2,54mm)
Center Version



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



LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTIONS	ALSO AVAILABLE
<p>-G = 10µ" (0,25µm) Gold on contact area, Gold flash on balance</p> <p>-F or -FM = Gold flash on contact area, Tin (-F) or Matte Tin (-FM) on tail</p> <p>-L or -LM = 10µ" (0,25µm) Gold on contact area, Tin (-L) or Matte Tin (-LM) on tail</p> <p>-S or -SM = 30µ" (0,76µm) Gold on contact area, Tin (-S) or Matte Tin (-SM) on tail</p> <p>-T or -TM = Tin (-T) or Matte Tin (-TM)</p>	<p>Matte Tin Available with HTSW only</p>	<p>-S = Single Row</p> <p>-D = Double Row</p> <p>-T = Triple Row</p> <p>-Q = Double Row (5,08mm) .200" row space</p>	<p>-RA or -RE = Right Angle</p> <p>-LL 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 (1,02mm ± 0,03mm) .040" ± .001"</p> <p>-LA = -RA Option with -LL Option</p> <p>-LC = Locking Clip (Styles -08 thru -13 & -22 only)</p> <p>-“XXX” = Polarized Position</p> <p>Requires 4 pin minimum (NA with -T, -Q, -RA or -RE)</p>	<p>Elevated Right Angle option. Call Samtec.</p> <p>Shunts See SNT Series</p>

Straight Pin Versions

(Specify "LEAD STYLE" from chart)

STYLE	A	B	C
* -05	(3,30) .130	(8,51) .335	(2,67) .105
* -06	(2,41) .095	(7,62) .300	(2,67) .105
* -07	(2,54) .100	(10,92) .430	
* -08	(5,08) .200	(13,46) .530	
* -09	(10,16) .400	(18,54) .730	(5,84) .230
* -10	(12,70) .500	(21,08) .830	
* -11	(15,24) .600	(23,62) .930	
* -12	(17,78) .700	(26,16) 1,030	
* -13	(22,86) .900	(31,24) 1,230	
* -14	(2,79) .110	(13,46) .530	(8,13) .320
* -15		(18,54) .730	(13,21) .520
* -16	(7,87) .310		(8,13) .320
* -17	(2,79) .110	(21,08) .830	(15,74) .620

STYLE	A	B	C
* -18		(23,62) .930	(18,29) .720
* -19	(2,79) .110	(26,16) 1,030	(20,83) .820
* -20		(31,24) 1,230	(25,91) 1,020
* -21		(36,32) 1,430	(30,99) 1,220
* -22	(7,62) .300	(16,00) .630	(5,84) .230
* -23	(2,92) .115	(11,30) .445	
* -24	(5,33) .210	(12,15) .480	(6,73) .265
* -25	(3,20) .126	(16,00) .630	(8,13) .320
* -26	(3,20) .126	(11,58) .456	
* -27	(25,40) 1,000	(33,78) 1,330	(5,84) .230
* -28	(20,32) .800	(28,70) 1,130	
* -29	(23,11) .910	(33,78) 1,330	(8,13) .320
* -30	(18,03) .710	(28,70) 1,130	
* -41+	(0,89) .035	(9,27) .365	(5,84) .230
* -42+	(1,27) .050	(11,94) .470	(8,13) .320

*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

Right Angle Versions

(Specify "LEAD STYLE" from chart)

-RA LEAD STYLE	SINGLE (-S)		DOUBLE (-D)		TRIPLE (-T & -Q)	
	A	C	A	A	A	C
* -08	(2,29) .090		(2,29) .090	(2,29) .090		
* -09	(7,37) .290		(7,37) .290	(7,37) .290		
* -10	(9,91) .390	(5,84) .230	(9,91) .390	(9,91) .390		(5,84) .230
* -11	(12,45) .490		(12,45) .490	(12,45) .490		
* -12	(14,99) .590		(14,99) .590	(14,99) .590		
* -13	(20,07) .790		(20,07) .790		N/A	
* -16	(5,08) .200	(8,13) .320	(5,08) .200	(5,08) .200		
* -21	(25,15) .990	(5,84) .230	N/A	N/A		
* -22	(4,83) .190		(4,83) .190	(4,83) .190		
* -25	(2,54) .100	(8,13) .320	(2,54) .100	(2,54) .100		
* -27	(22,61) .890	(5,84) .230	N/A	N/A		
* -28	(17,53) .690		(17,53) .690		N/A	
* -29	(20,32) .800	(8,13) .320	N/A	N/A		
* -30	(15,24) .600		(15,24) .600			

*Available with -LA (Locking Lead) Option

-RA Options

-RE Options