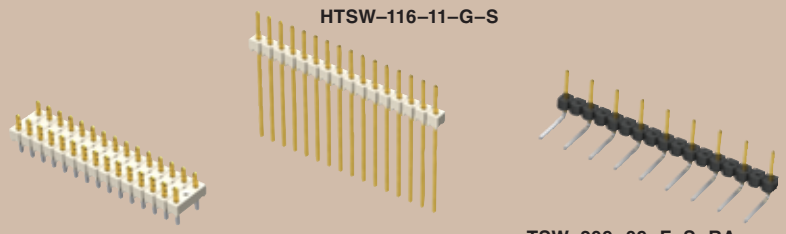
samtec

E.L.P.™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum mated cycles



(2,54 mm) .100"

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?TSW

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:
Wave Only

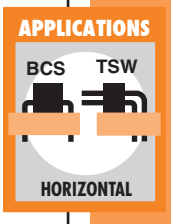
CURRENT RATING (PER PIN)						
TSW mated with						
ESW	SSW	SLW	SSQ	SSM	BCS	SNT
5.2 A	5.7 A	5.2 A	6.3 A	5.2 A	4.6 A	4.3 A
1 POSITION POWERED PER ROW						

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594 FILE NO: 090871_0_000

APPLICATIONS



ALSO AVAILABLE (MOQ Required)

- Other platings
  Contact Samtec.

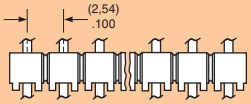
Note: Some lengths, styles and options are non-standard, non-returnable.

TYPE STRIP – **PIN CENTERS** – **NO. PINS PER ROW**

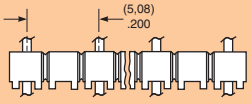
TSW = Standard Strip

HTSW = Hi-Temp Strip

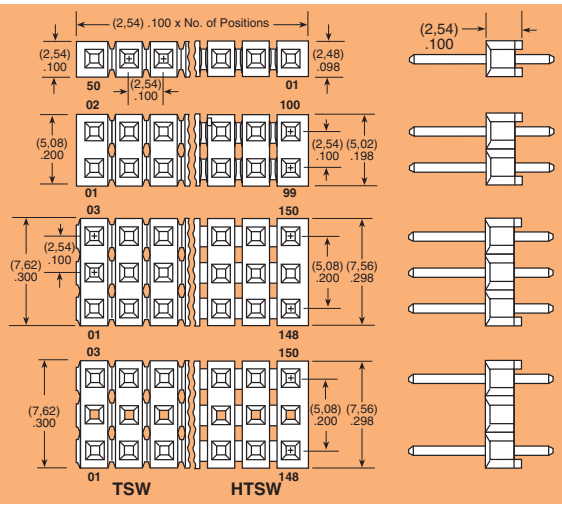
–1 = .100" (2,54 mm) Centers, All Positions Filled



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

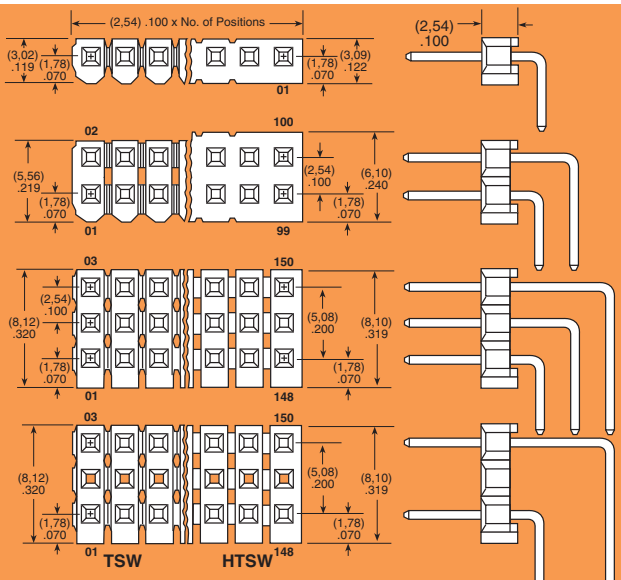


Straight Pin Versions



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

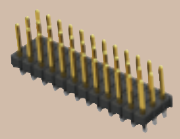
Right Angle Versions



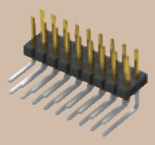
02 thru 25
= .200" (5,08 mm) Center Version

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

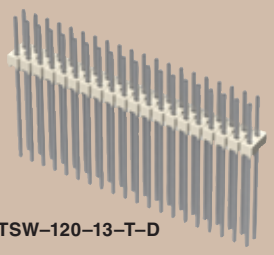
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SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
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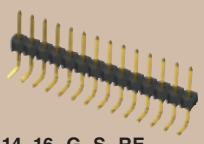
TSW–112–07–G–T



TSW–109–10–F–D–RA



HTSW–120–13–T–D



TSW–114–16–G–S–RE

TSW, HTSW SERIES

LEAD STYLE

PLATING OPTION

–F
= Gold flash on post, Matte Tin on tail

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

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

–T
= Matte Tin

OTHER SOLUTIONS

- Elevated Right Angle option
- Shunts

Contact Samtec

ROW OPTION

–S
= Single Row

–D
= Double Row

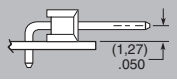
–T
= Triple Row

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

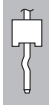
OTHER OPTIONS

– RA or –RE
= Right Angle

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

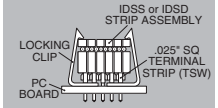


–LL
= Locking Lead



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 mm ± 0,03 mm) .040" ± .001"

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



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

–LA
= –RA Option with –LL Option

–"XXX"
= Polarized Position

Straight Pin Versions

(Specify "LEAD STYLE" from chart)

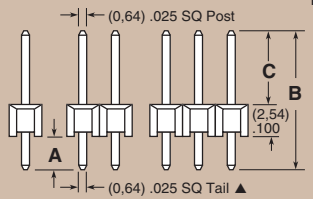
	STYLE	A	B	C
*	– 05	(3,30) .130	(8,51) .335	(2,67) .105
*	– 06	(2,41) .095	(7,62) .300	(2,67) .105
*	– 07	(2,54) .100	(10,92) .430	(5,84) .230
*	– 08	(5,08) .200	(13,46) .530	
	– 09	(10,16) .400	(18,54) .730	
	–10	(12,70) .500	(21,08) .830	
	–11	(15,24) .600	(23,62) .930	
	–12	(17,78) .700	(26,16) 1.030	
	–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

* Available with –LL (Locking Lead) Option

	STYLE	A	B	C
*	–18	(2,79) .110	(23,62) .930	(18,29) .720
*	–19		(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		(12,15) .480	(6,73) .265
*	– 25	(5,33) .210	(16,00) .630	(8,13) .320
▲	– 26	(3,20) .126	(11,58) .456	(5,84) .230
	– 27	(25,40) 1.000	(33,78) 1.330	
	– 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

\+ Style –41 & –42 available with HTSW only.

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



Specify -07 for best mate with IDXX Series IDC Cable

Right Angle Versions

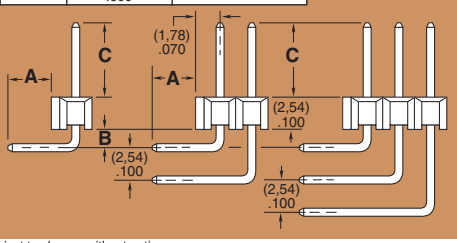
(Specify "LEAD STYLE" from chart and select –RA or –RE from other options)

	–RA LEAD STYLE	SINGLE (–S) A	SINGLE (–S) C	DOUBLE (–D) A	TRIPLE (–T & –Q) A
	– 08	(2,29) .090	(5,84) .230	(2,29) .090	(2,29) .090
	– 09	(7,37) .290		(7,37) .290	(7,37) .290
	–10	(9,91) .390		(9,91) .390	(9,91) .390
	–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	
	– 29	(20,32) .800	(8,13) .320	N/A	
	– 30	(15,24) .600		(15,24) .600	

– RE LEAD STYLE	SINGLE A	C
– 09	(4,83) .190	(5,84) .230
–10	(7,37) .290	
–11	(9,91) .390	
–12	(12,45) .490	
–13	(17,53) .690	
–16	(2,54) .100	(8,13) .320
– 21	(22,61) .890	(5,84) .230
– 22	(2,29) .090	
– 27	(20,07) .790	
– 28	(14,99) .590	

*Available with –LA (Locking Lead) Option

LEAD STYLE	B
–RA	(1,52) .060
–RE	(4,06) .160



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

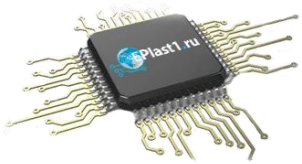
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.