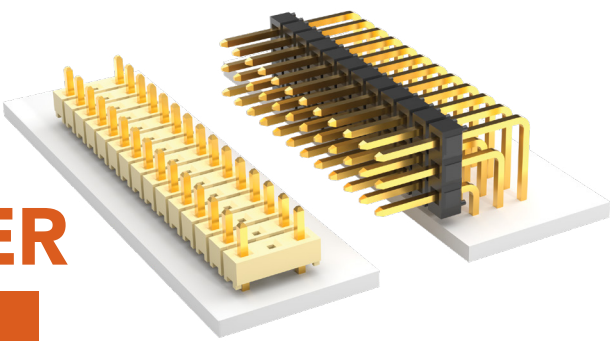


THROUGH-HOLE .025" SQ POST HEADER

(2.54 mm) .100" PITCH • TSW/HTSW SERIES



TSW/HTSW

Board Mates:
SSW, SSQ, SSM, ESW, ESQ,
BCS, BSW, CES, SLW
Cable Mates:
IDSD, IDSS

SPECIFICATIONS

Insulator Material:
TSW: PBT
HTSW: Natural LCP
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;
515 VAC mated with ESQ;
450 VAC -RA/-RE mated
with BCS or SSM;
400 VAC mated with CES
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

2 POSITIONS POWERED

ALSO AVAILABLE

MOQ Required

Other Platings

OTHER SOLUTIONS

Elevated Right-angle option
Shunts

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

SERIES	PIN CENTERS	NO. PINS PER ROW	LEAD STYLE
TSW = Standard Strip	-1 = .100" (2.54 mm) Centers, (All positions filled)	01 thru 50 = .100" (2.54 mm) Center Version	Specify LEAD STYLE from chart
HTSW = Hi-Temp Strip	-2 = .200" (5.08 mm) Centers, (Every other position filled)	02 thru 25 = .200" (5.08 mm) Center Version	

-S

-D

-T

-Q

TSW

-S

-D

-T

-Q

HTSW

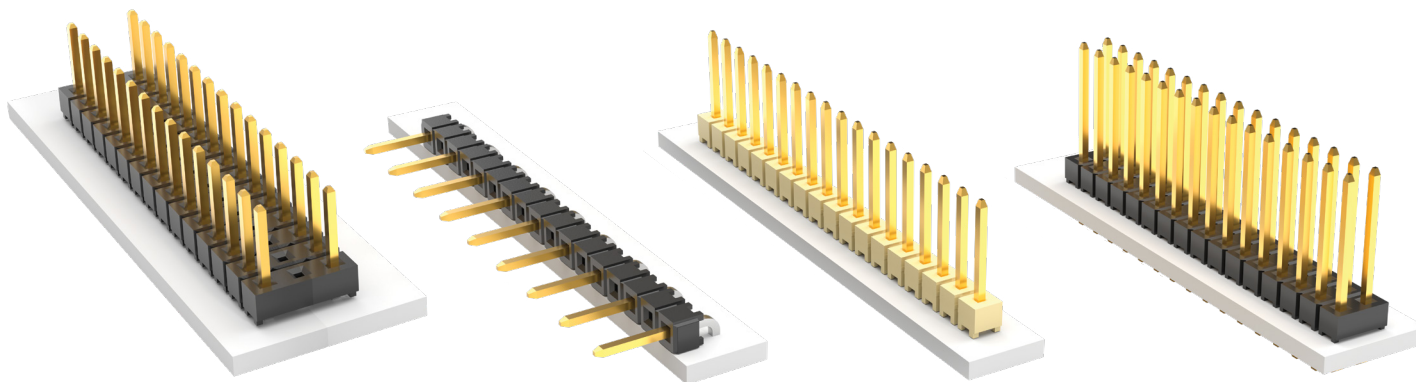
Straight Pin Versions

STRAIGHT PIN VERSIONS			
LEAD STYLE	A	B	C
*-05	(8.51) .335	(3.30) .130	(2.67) .105
*-06	(7.62) .300	(2.41) .095	(2.67) .105
*-07	(10.92) .430	(2.54) .100	
*-08	(13.46) .530	(5.08) .200	
-09	(18.54) .730	(10.16) .400	
-10	(21.08) .830	(12.70) .500	(5.84) .230
-11	(23.62) .930	(15.24) .600	
-12	(26.16) 1.030	(17.78) .700	
-13	(31.24) 1.230	(22.86) .900	
-14	(13.46) .530		(8.13) .320
*-15	(18.54) .730	(2.79) .110	(13.21) .520
*-16		(7.87) .310	(8.13) .320
*-17	(21.08) .830		(15.74) .620
*-18	(23.62) .930	(2.79) .110	(18.29) .720

* Available with -LL (Locking Lead) Option
Specify -07 for best mate with IDXX Series IDC Cable

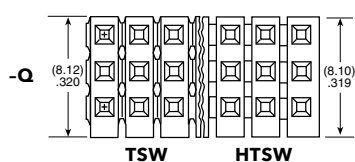
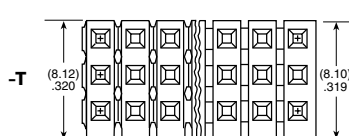
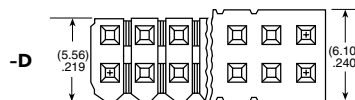
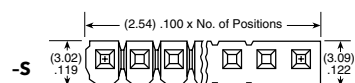
STRAIGHT PIN VERSIONS			
LEAD STYLE	A	B	C
*-19	(26.16) 1.030		(20.83) .820
*-20	(31.24) 1.230	(2.79) .110	(25.91) 1.020
*-21	(36.32) 1.430	(2.79) .110	(30.99) 1.220
*-22	(16.00) .630	(7.62) .300	
*-23	(11.30) .445		(5.84) .230
*-24	(12.15) .480	(2.92) .115	(6.73) .265
*-25	(16.00) .630	(5.33) .210	(8.13) .320
▲-26	(11.58) .456	(3.20) .126	
-27	(33.78) 1.330	(25.40) 1.000	(5.84) .230
-28	(28.70) 1.130	(20.32) .800	
-29	(33.78) 1.330	(23.11) .910	
-30	(28.70) 1.130	(18.03) .710	(8.13) .320
+ -41	(9.27) .365	(0.89) .035	(5.84) .230
+ -42	(11.94) .470	(1.27) .050	(8.13) .320

+ Style -41 & -42 available with HTSW only.
▲ Except: Style -26 (0.46) .018 DIA Tail



PLATING OPTION

- F**
= Gold flash on post, Matte Tin on tail
- GF**
= 3 μ " (0.07 μ m) Gold on post and tail
- L**
= 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail
- T**
= Matte Tin



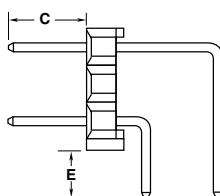
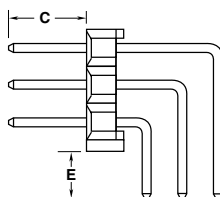
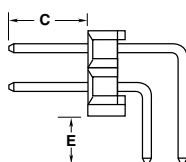
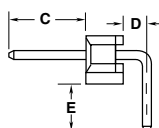
Right-Angle Versions

LEAD STYLE	D
-RA	(1.52) .060
-RE	(4.06) .160

RIGHT-ANGLE VERSIONS		
-RE LEAD STYLE	C	SINGLE E
-09	(5.84) .230	(4.83) .190
-10		(7.37) .290
-11		(9.91) .390
-12		(12.45) .490
-13		(17.53) .690
-16	(8.13) .320	(2.54) .100
-21	(5.84) .230	(22.61) .890
-22		(2.29) .090
-27		(20.07) .790
-28		(14.99) .590

ROW OPTION

- S**
= Single Row
- D**
= Double Row
- T**
= Triple Row
- Q**
= Double Row
(5.08 mm).200" row space



OTHER OPTION

- RA or -RE**
= Right-angle
- NA**
= Right-angle
(Using straight body for coplanar mating with SSW-RA series)
- LL**
= Locking Lead
See charts for available styles.
Not available with single row 1 or 2 positions.
Recommended hole size
(1.02 mm $\pm$ 0.03 mm) .040" $\pm$.001
- LC**
= Locking Clip
(Styles -08 thru -13 & -22 only)
(Requires 4 pin minimum)
(Not available with T, -Q, -RA or -RE)
- LA**
= -RA Option with -LL Option
- "XXX"**
= Polarized Position

-RA LEAD STYLE	RIGHT-ANGLE VERSIONS			
	SINGLE (-S)		DOUBLE (-D)	TRIPLE (-T & -Q)
	C	E	E	E
-08	(5.84) .230	(2.29) .090	(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	(8.13) .320	(20.07) .790	(20.07) .790	N/A
*-16		(5.08) .200	(5.08) .200	(5.08) .200
-21		(25.15) .990	N/A	N/A
*-22		(4.83) .190	(4.83) .190	(4.83) .190
*-25		(2.54) .100	(2.54) .100	(2.54) .100
-27	(5.84) .230	(22.61) .890	N/A	N/A
-28		(17.53) .690	(17.53) .690	
-29	(8.13) .320	(20.32) .800	N/A	
-30		(15.24) .600	(15.24) .600	

* Available with -LA (Locking Lead) Option