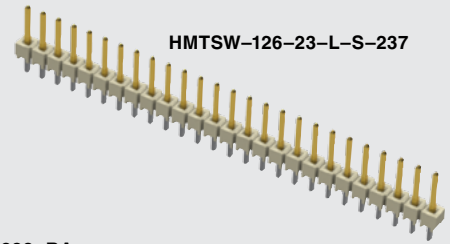


MTSW-117-09-G-D-383-RA



HMTSW-126-23-L-S-237

(2.54 mm) .100"

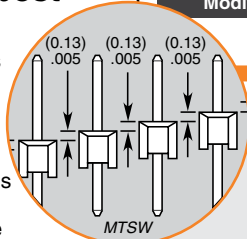
MODIFIED .025" SQ POST HEADERS

Board Mates:
SSW, SSQ, ESW,
ESQ, BCS, BSW
CES, SLW, HLE, SSM

Cable Mates:
IDSD, IDSS, SMSD, SMSS

Modified .025" strips permit custom post heights.

Samtec offers the greatest stacking flexibility in the industry. The "M" stands for Modified. You tell us the post height you need and we'll deliver it.



TYPE STRIP	PIN PITCH	NO. PINS PER ROW	LEAD STYLE
MTSW = Modified Strip HMTSW = Hi-Temp Modified Strip	-1 = (2.54 mm) .100" Pitch 	-2 = (5.08 mm) .200" Pitch 	

SPECIFICATIONS

For complete specifications see www.samtec.com?MTSW or www.samtec.com?HMTSW

Insulator Material:
MTSW: Black Glass Filled Polyester
HMTSW: Natural Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50 μm (1.27 μm) Ni

Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
RoHS Compliant:
Yes

Lead-Free Solderable:
MTSW: No, Wave Only
HMTSW: Yes

RECOGNITIONS

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



Note:
These Series are non-standard, non-returnable.

Straight Pin Versions

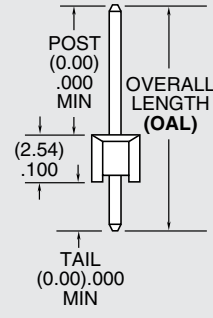
Right Angle Versions

HMTSW -S & -D = 36 positions maximum

01 thru 50
= (2.54 mm) .100" Center Version

02 thru 25
= (5.08 mm) .200" Center Version

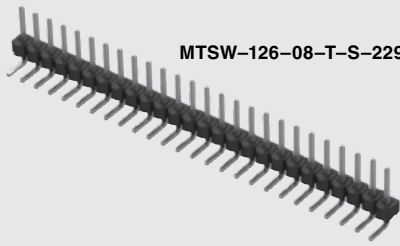
SPECIFY "LEAD STYLE" FROM CHART



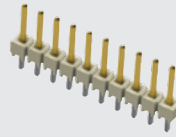
LEAD STYLE	OAL
-06	(7.62) .300
-07	(10.92) .430
-08	(13.46) .530
-09	(18.54) .730
-10	(21.08) .830
-11	(23.62) .930
-12	(26.16) 1.030
-13	(31.24) 1.230
-21	(36.32) 1.430
-22	(16.00) .630
-23	(11.30) .445
-24	(12.19) .480
-27	(33.78) 1.330
-28	(28.70) 1.130



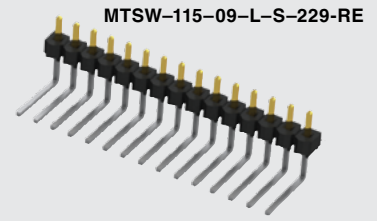
MTSW-108-28-G-D-920



MTSW-126-08-T-S-229-RA



HMTSW-110-23-L-S-237



MTSW-115-09-L-S-229-RE

MTSW, HMTSW SERIES

PLATING OPTION

-F

= Gold flash on post, Matte Tin on tail

-L

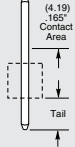
= 10 μm (0.25 μm) Gold on post, Matte Tin on tail

-G

= 10 μm (0.25 μm) Gold on post, Gold flash on balance

-T

= Matte Tin



ALSO AVAILABLE (MOQ Required)

- Other platings Contact Samtec.

ROW OPTION

-S

= Single

-D

= Double

-T

= Triple

-Q

= Double Row .200" (5.08 mm) row space

POST HEIGHT

OTHER OPTION

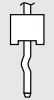
POLARIZED OPTION

-“XXX”
= Polarized (Specify “XXX” as position number)

-RA or -RE = Right-angle

-LL

= Locking Lead (N/A with -RE, N/A in single row 1 or 2 positions. Available on tails from (2.29 mm) .090" to (10.16 mm) .400" only)



Two leads per strip crimped in opposite directions on or near centerline. See TSW for availability.

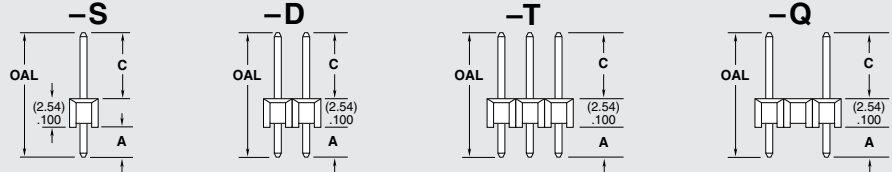
-LA = -RA Option with -LL Option (Maximum “C” = (13.46 mm) .530)

-“XXXX” = “C” Dimension (Specify post height in INCHES - .005" (0.13 mm) increments)

LEAD STYLE	FOR A = (2.29) .090			
	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7.62) .300	(2.79) .110	N/A	N/A
-07	(10.92) .430	(6.10) .240	(3.30) .130	N/A
-08	(13.46) .530	(8.64) .340	(5.84) .230	(3.30) .130
-09	(18.54) .730	(13.72) .540	(10.92) .430	(8.38) .330
-10	(21.08) .830	(16.26) .640	(13.46) .530	(10.92) .430
-11	(23.62) .930	(18.80) .740	(16.00) .630	(13.46) .530
-12	(26.16) 1.030	(21.34) .840	(18.54) .730	(16.00) .630
* -13	(31.24) 1.230	(26.42) 1.040	(23.62) .930	(21.08) .830
* -21	(36.32) 1.430	(31.50) 1.240	(28.70) 1.130	(26.16) 1.030
* -22	(16.00) .630	(11.18) .440	(8.38) .330	(5.84) .230
* -23	(11.30) .445	(6.48) .255	(3.68) .145	N/A
* -24	(12.19) .480	(7.37) .290	(4.57) .180	N/A
* -27	(33.78) 1.330	(28.96) 1.140	(26.16) 1.030	(23.62) .930
* -28	(28.70) 1.130	(23.88) .940	(21.08) .830	(18.54) .730

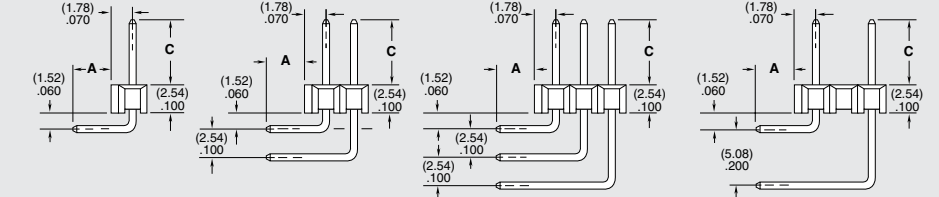
* Styles -21, -23, -24, -27 not available with -D Right-Angle
Styles -13, -21, -23, -24, -27, -28 not available with -T or -Q Right-Angle

Straight Pin Versions $A = OAL - C - \frac{(2.54)}{.100}$



Right-Angle Versions (-RA Options) $A = OAL - C - \frac{(5.33)}{.210}$

Styles -21, -23, -24, -27 N/A with -D
Styles -13, -21, -23, -24, -27, -28 N/A with -T or -Q



Right-Angle Versions (-RE Options) Single Row Only

$A = OAL - C - \frac{(7.87)}{.310}$

