

MTSW-125-24-L-T-225



(2,54mm) .100"

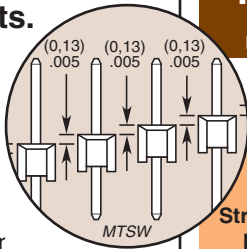
MTSW, HMTSW SERIES

# MODIFIED .025" SQ POST HEADERS

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

**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
<b>MTSW</b> = Modified Strip  <b>HMTSW</b> = Hi-Temp Modified Strip	<b>-1</b> = (2,54mm) .100" Pitch  	<b>-2</b> = (5,08mm) .200" Pitch  	

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MTSW](http://www.samtec.com?MTSW)

### MTSW

**Insulator Material:**  
Black Glass Filled Polyester



**Terminal Material:**  
Phosphor Bronze



**Plating:** Au or Sn over 50µ" (1,27µm) Ni

**Current Rating:**  
3 amp continuous

**Operating Temp Range:**  
-55°C to +125°C with Gold

-55°C to +105°C with Tin

**RoHS Compliant:**  
Yes

**Lead-Free Solderable:**  
Wave Only

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HMTSW](http://www.samtec.com?HMTSW)

### HMTSW

Same as MTSW



except:

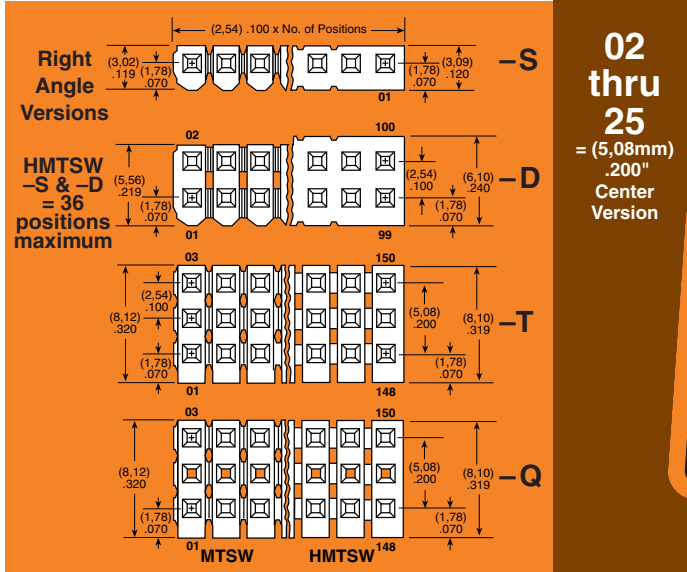
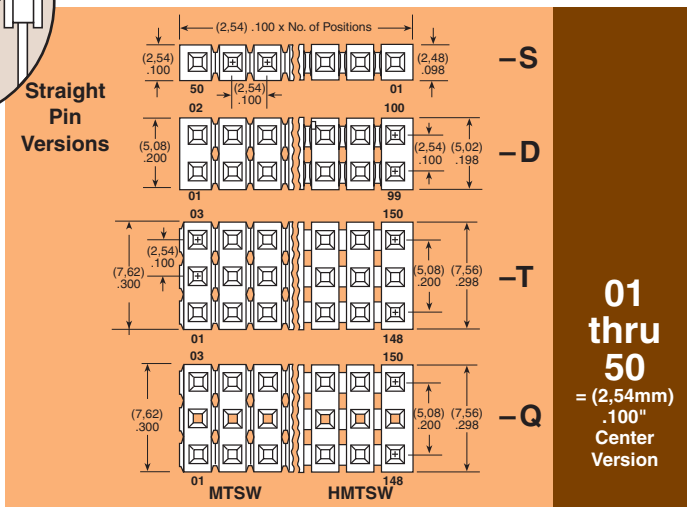
**Insulator Material:**  
Natural Liquid Crystal Polymer



**Lead-Free Solderable:**  
Yes

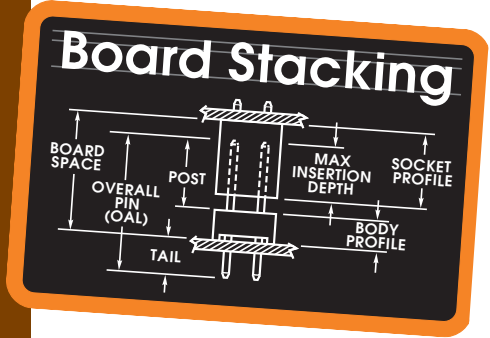
### Note:

These Series are non-standard, non-returnable.



**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	(36,32) .830
-23	(11,30) .445
-24	(12,19) .480
-27	(33,78) 1.330
-28	(28,70) 1.130

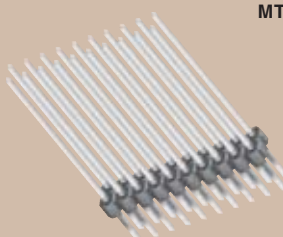


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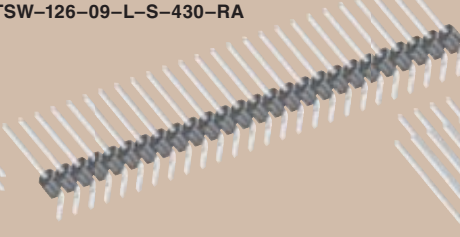
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

MTSW-126-09-L-S-430-RA

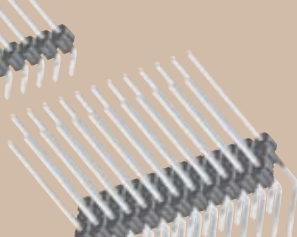
MTSW-203-11-T-T-740



MTSW-110-27-G-D-990



MTSW-112-12-G-Q-730-RA



MTSW-125-07-T-S-100

**PLATING OPTION**

**-L**

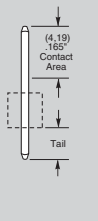
= 10µ" (0,25µm) Gold on post, Matte Tin on tail

**-G**

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

**-T**

= Matte Tin



Note: Other Gold plating options available. Contact Samtec.

**ROW OPTION**

**-S**

= Single

**-D**

= Double

**-T**

= Triple

**-Q**

= Double Row  
.200" (5,08mm)  
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) .090" to  
(10,16) .400" only)



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

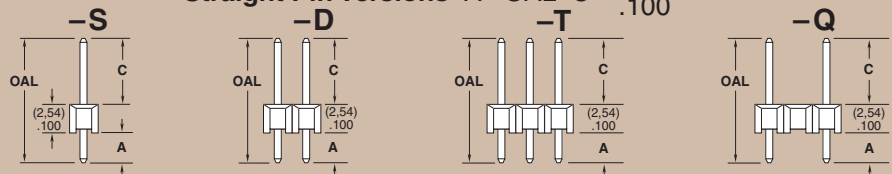
**-LA** = -RA Option with -LL Option  
(Maximum “C” = (13,46) .530)

**-“XXXX”** = “C” Dimension (Specify post height in INCHES - .005" (0,13mm) increments)

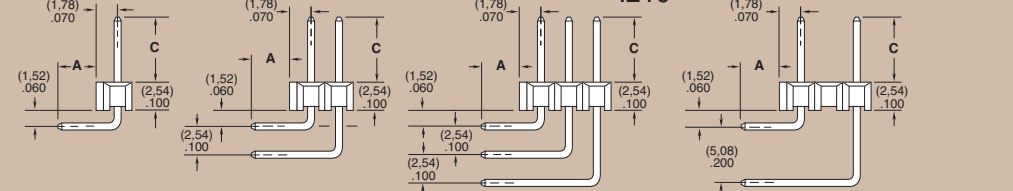
LEAD STYLE	FOR A = (2,29) .090			
	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7,62) .300	(2,79) .110	N/A	N/A
-07	(10,92) .430	(6,10) .240	(3,30) .130	N/A
-08	(13,46) .530	(8,64) .340	(5,84) .230	(3,30) .130
-09	(18,54) .730	(13,72) .540	(10,92) .430	(8,38) .330
-10	(21,08) .830	(16,26) .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 - (2,54) .100

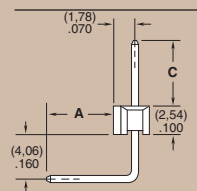


**Right Angle Versions (-RA Options)** A = OAL - C - (5,33) .210



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

A = OAL - C - (7,87) .310



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