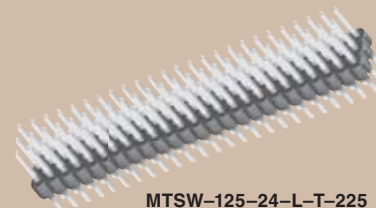
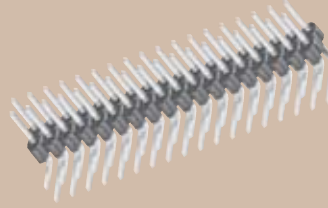




MTSW-118-08-G-D-200-RA



MTSW-125-24-L-T-225



(2,54mm) .100"

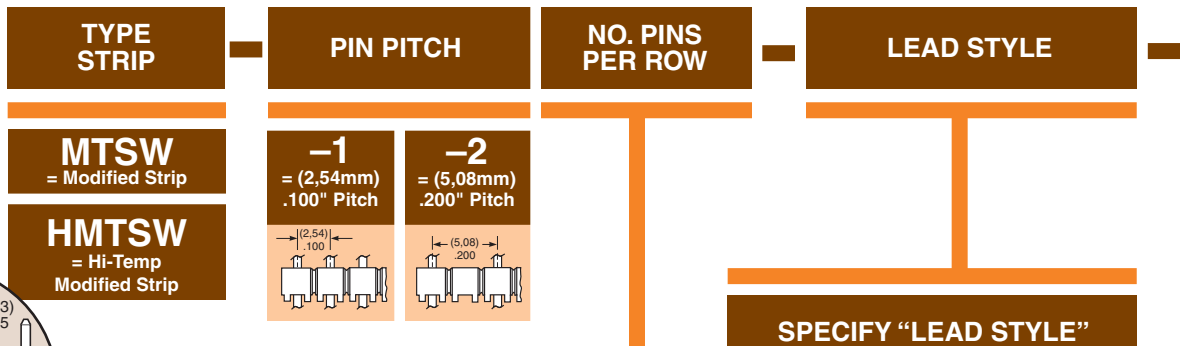
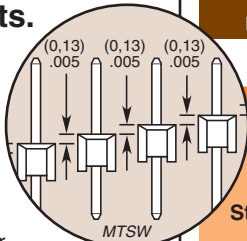
MTSW, HMTSW SERIES

# MODIFIED .025" SQ POST HEADERS

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



## 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

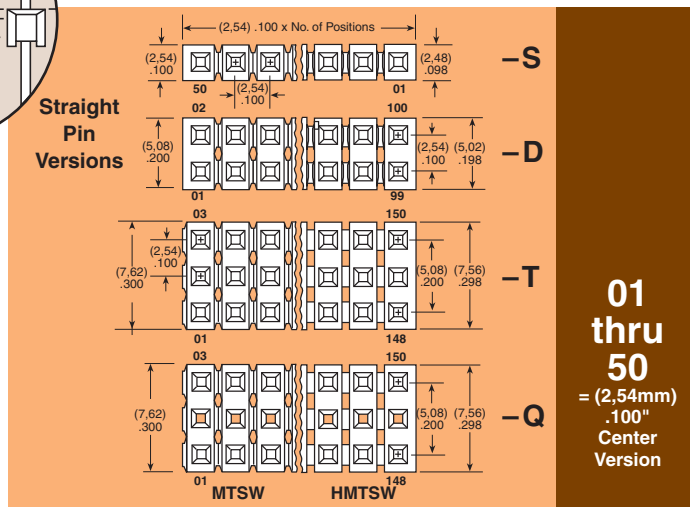
**Lead-Free Solderable:**

Yes

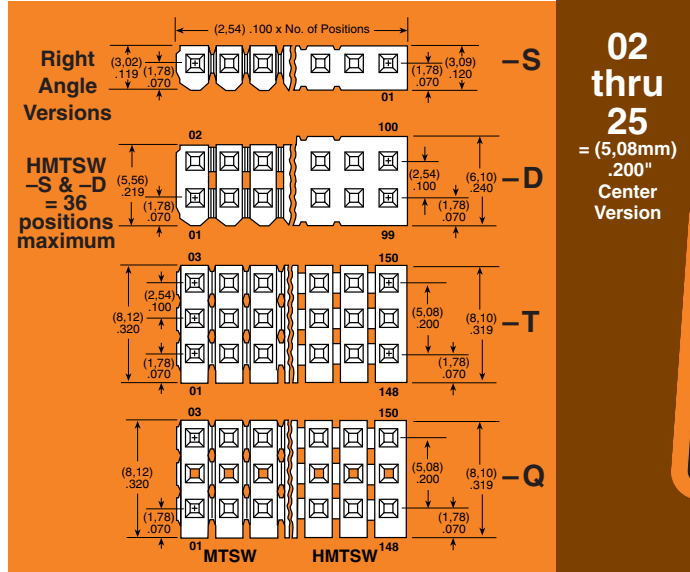


### Note:

These Series are non-standard, non-returnable.



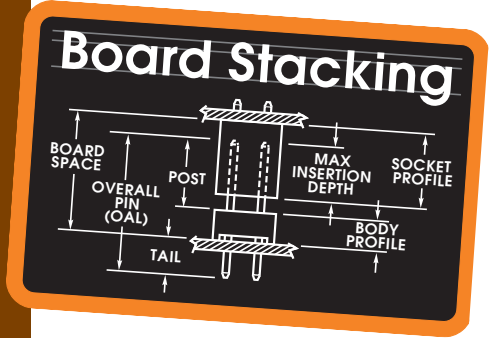
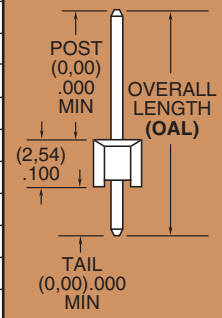
**01 thru 50**  
= (2,54mm) .100" Center Version



**02 thru 25**  
= (5,08mm) .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



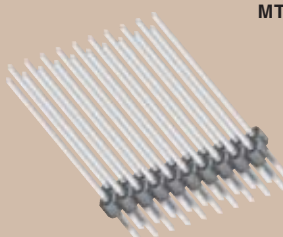
Due to technical progress, all designs, specifications and components are subject to change without notice.

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

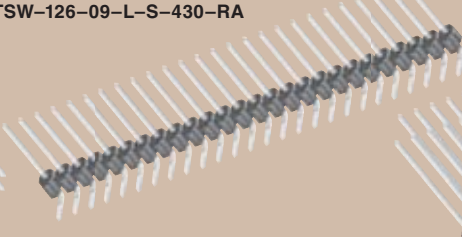
SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329  
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
 SAMTEC FRANCE • Tel: 33 01 80 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292  
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 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683

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

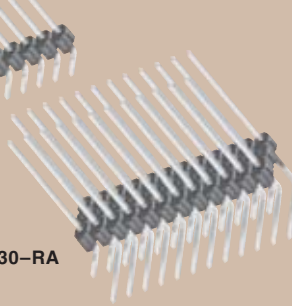
MTSW-203-11-T-T-740



MTSW-110-27-G-D-990



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



MTSW-125-07-T-S-100

**PLATING OPTION**

**-F**

= Gold flash on post, Matte Tin on tail

**-L**

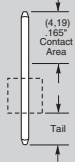
= 10µ" (0,25µm) Gold on post, Matte Tin on tail

**-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.

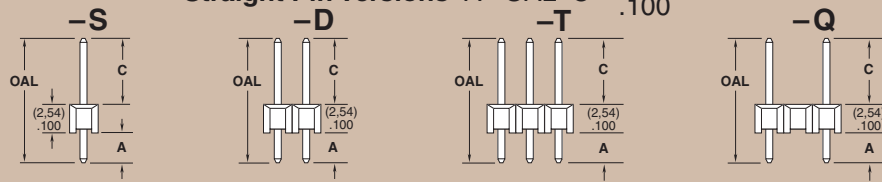
**-LA** = -RA Option with -LL Option  
(Maximum “C” = (13,46) .530)

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

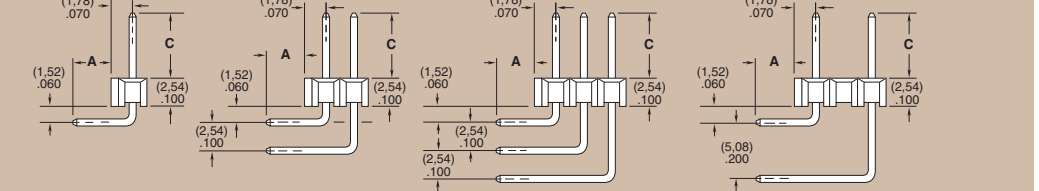
LEAD STYLE	FOR A = (2,29) .090			
	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7,62) .300	(2,79) .110	N/A	N/A
-07	(10,92) .430	(6,10) .240	(3,30) .130	N/A
-08	(13,46) .530	(8,64) .340	(5,84) .230	(3,30) .130
-09	(18,54) .730	(13,72) .540	(10,92) .430	(8,38) .330
-10	(21,08) .830	(16,26)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

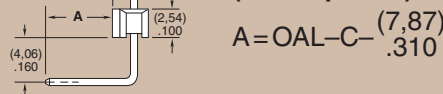
**Straight Pin Versions** A = OAL - C - (2,54) .100



**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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