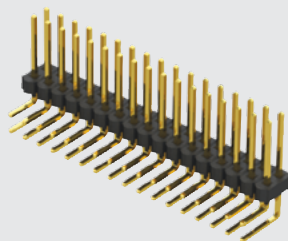
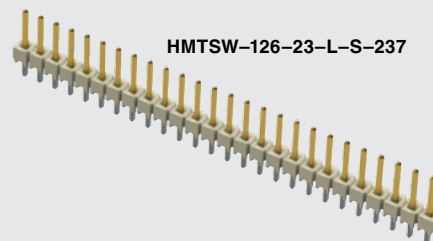




(2.54 mm) .100"



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



HMTSW-126-23-L-S-237

MODIFIED .025" SQ POST HEADERS

Board Mates:

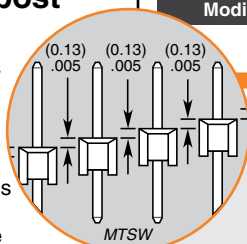
SSW, SSQ, ESW,
ESQ, BCS, BSW
CES, SLW, HLE, SSM

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.



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 μ m (1.27 μ m) 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



FILE NO. E111594



FILE NO. 09001_0_000

Note:

These Series are non-standard, non-returnable.

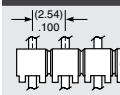
TYPE STRIP

MTSW
= Modified Strip

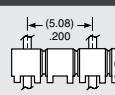
HMTSW
= Hi-Temp Modified Strip

PIN PITCH

-1
= (2.54 mm)
.100" Pitch



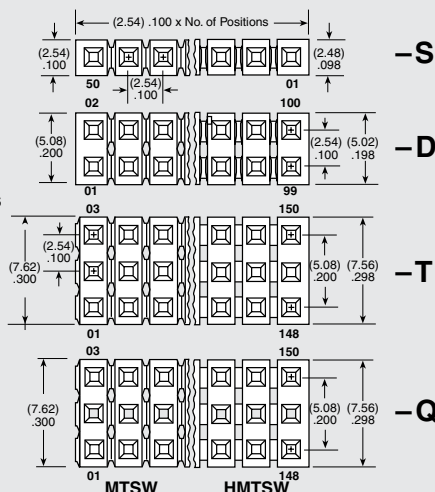
-2
= (5.08 mm)
.200" Pitch



NO. PINS PER ROW

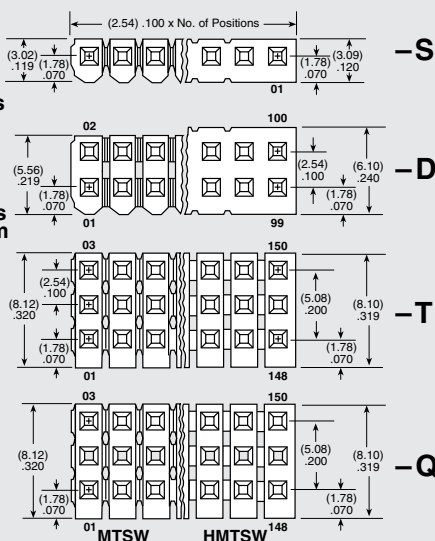
LEAD STYLE

Straight Pin Versions



Right Angle Versions

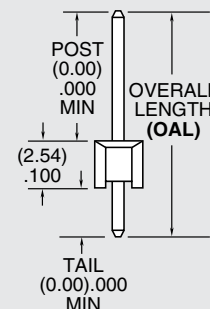
HMTSW -S & -D
= 36 positions maximum



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

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

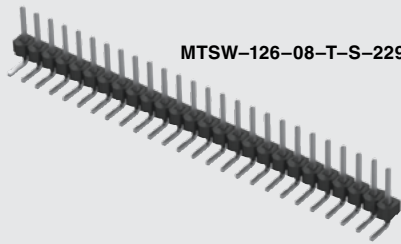
SPECIFY "LEAD STYLE" FROM CHART



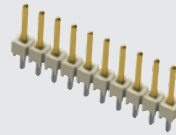
LEAD STYLE	OAL
-06	(7.62) .300
-07	(10.92) .430
-08	(13.46) .530
-09	(18.54) .730
-10	(21.08) .830
-11	(23.62) .930
-12	(26.16) 1.030
-13	(31.24) 1.230
-21	(36.32) 1.430
-22	(16.00) .630
-23	(11.30) .445
-24	(12.19) .480
-27	(33.78) 1.330
-28	(28.70) 1.130



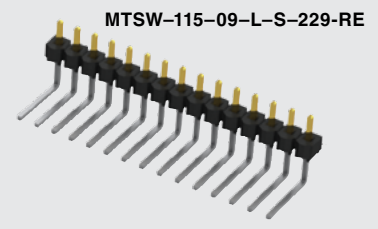
MTSW-108-28-G-D-920



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



HMTSW-110-23-L-S-237



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

MTSW, HMTSW SERIES

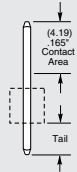
PLATING OPTION

-F

= Gold flash on post, Matte Tin on tail

-L= 10 μ " (0.25 μ m) Gold on post,
Matte Tin on tail**-G**= 10 μ " (0.25 μ m) Gold on post,
Gold flash on balance**-T**

= Matte Tin

ALSO AVAILABLE
(MOQ Required)

- Other platings
Contact Samtec.

ROW
OPTION**-S**

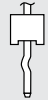
= Single

-D

= Double

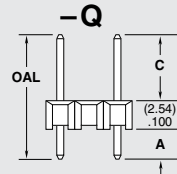
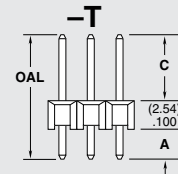
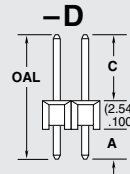
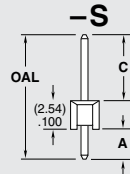
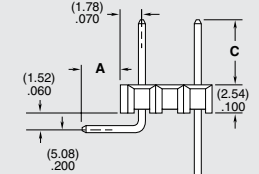
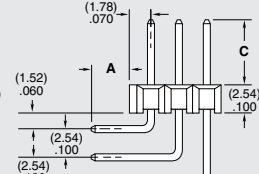
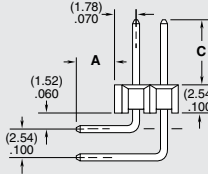
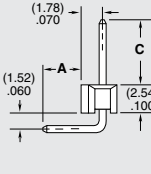
-T

= Triple

-Q= Double Row
.200" (5.08 mm)
row spacePOST
HEIGHTOTHER
OPTIONPOLARIZED
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)

FOR A = (2.29) .090				
LEAD STYLE	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 -QRight-Angle Versions
(-RE Options) Single Row Only
 $A = OAL - C - \frac{(7.87)}{.310}$ 