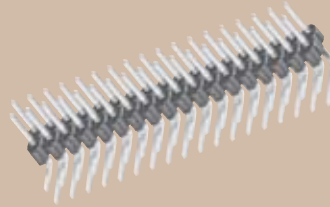


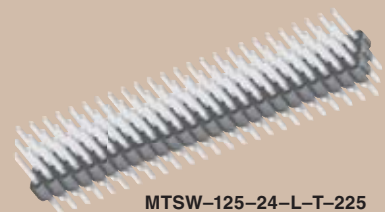
(2,54mm) .100"

MTSW, HMTSW SERIES

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



MTSW-125-24-L-T-225



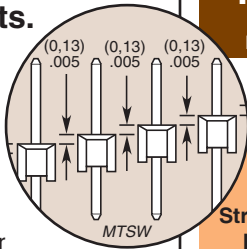
MODIFIED .025" SQ POST HEADERS

Mates with:

SSW, SSQ, ESW, ESQ,
BCS, BSW, IDSS, IDSD,
CES, SLW, HLE, SSM, CLH

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

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

HMTSW

Same as MTSW

except:

Insulator Material:

Natural Liquid Crystal Polymer

Lead-Free Solderable:

Yes



Note:

These Series are non-standard, non-returnable.

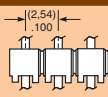
TYPE STRIP

MTSW
= Modified Strip

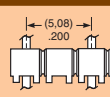
HMTSW
= Hi-Temp
Modified Strip

PIN PITCH

-1
= (2,54mm)
.100" Pitch



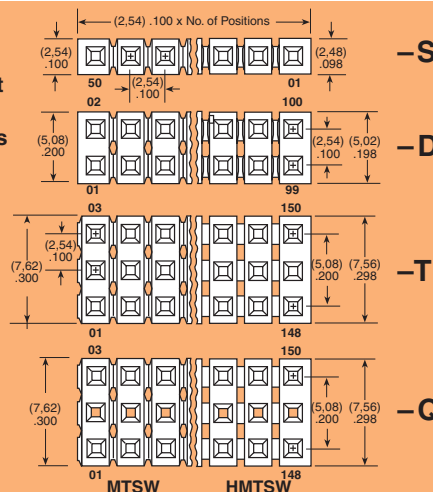
-2
= (5,08mm)
.200" Pitch



NO. PINS PER ROW

LEAD STYLE

Straight Pin Versions



-S

-D

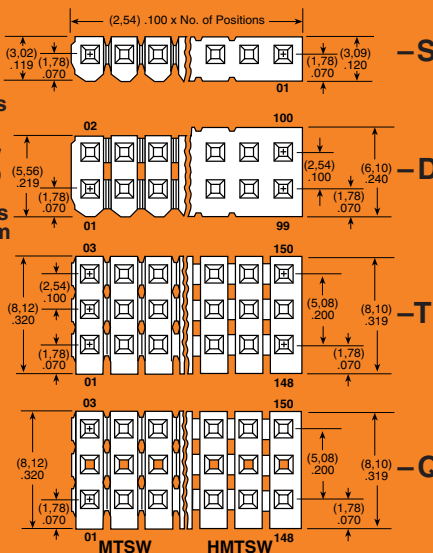
-T

-Q

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

Right Angle Versions

HMTSW -S & -D
= 36 positions maximum



-S

-D

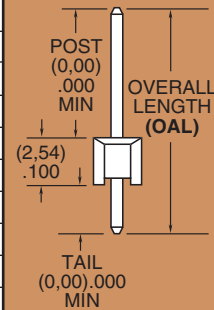
-T

-Q

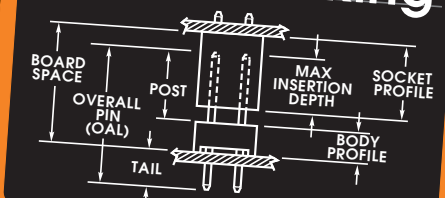
02 thru 25
= (5,08mm)
.200" Center Version

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



Board Stacking



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

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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

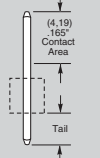
-G

= 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 spacePOST
HEIGHTOTHER
OPTIONPOLARIZED
OPTION

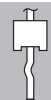
-“XXX”

= 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) .090" to
(10,16) .400" only)



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

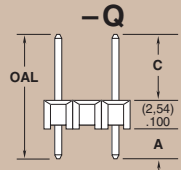
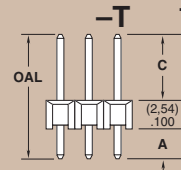
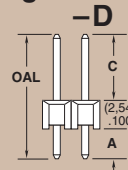
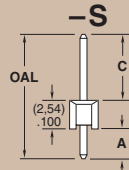
-LA = -RA Option with -LL Option
(Maximum “C” = (13,46) .530)

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

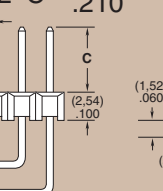
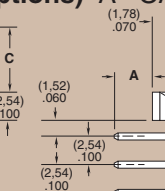
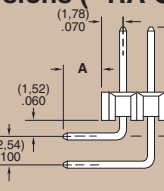
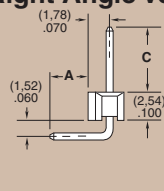
FOR A = (2,29) .090				
LEAD STYLE	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7,62) .300	(2,79) .110	N/A	N/A
-07	(10,92) .430	(6,10) .240	(3,30) .130	N/A
-08	(13,46) .530	(8,64) .340	(5,84) .230	(3,30) .130
-09	(18,54) .730	(13,72) .540	(10,92) .430	(8,38) .330
-10	(21,08) .830	(16,26)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



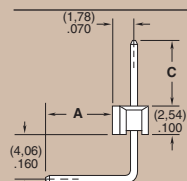
Right Angle Versions (-RA Options) $A = OAL - C - \frac{(5,33)}{.210}$



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

Right Angle Versions
(-RE Options) Single Row Only

$A = OAL - C - \frac{(7,87)}{.310}$



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