

MTSW-125-24-L-T-225



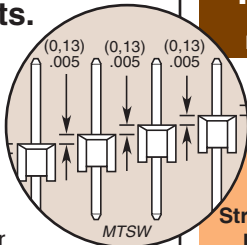
MODIFIED .025" SQ TERMINAL

Mates with:

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

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

Processing: 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

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x
Lead-Free Solderable: Yes

Note:

These Series are non-standard, non-returnable.

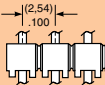
TYPE STRIP

MTSW
= Modified Strip

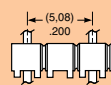
HMTSW
= Hi-Temp Modified Strip

PIN PITCH

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



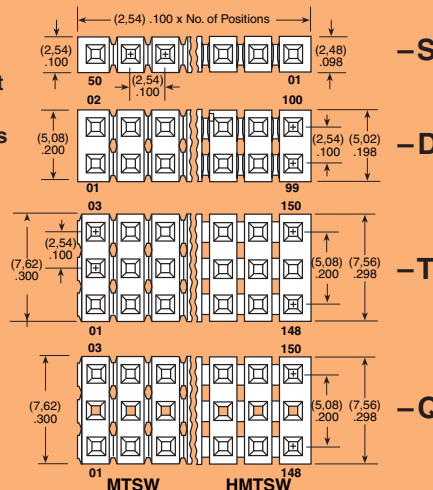
-2
= (5,08mm)
.200" Pitch



NO. PINS PER ROW

LEAD STYLE

Straight Pin Versions



-S

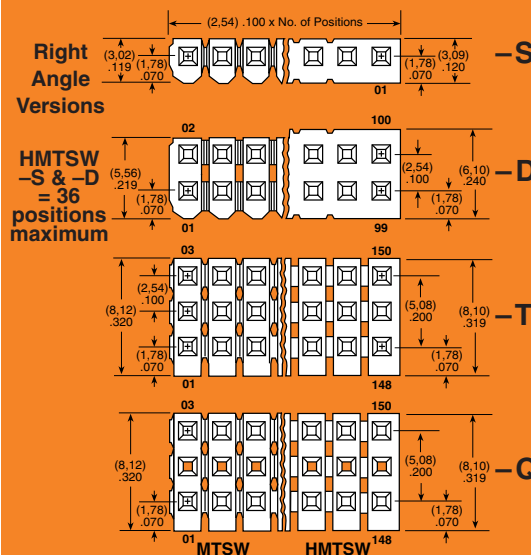
-D

-T

-Q

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

Right Angle Versions



-S

-D

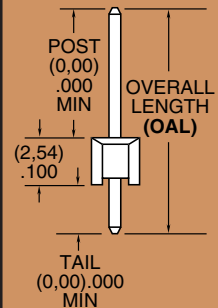
-T

-Q

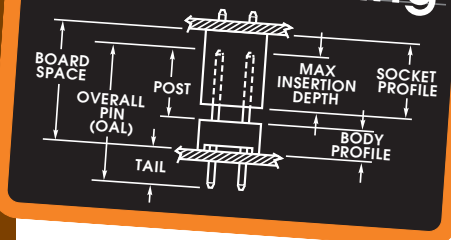
02 thru 25
= (5,08mm)
.200" Center Version

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-S-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

STRIPS

MTSW & HMTSW SERIES

PLATING OPTION

-L

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

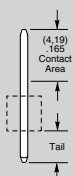
-G

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

-T

= Matte Tin

-S

= 30μ" (0,76μm) Gold on contact area,
Matte Tin on tail

ROW OPTION

-S

= Single

-D

= Double

-T

= Triple

-Q

= Double Row
.200" (5,08mm)
row space

POST HEIGHT

OTHER OPTION

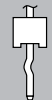
POLARIZED OPTION

-“XXX”

= Polarized
(Specify ‘XXX’ as
position number)

-RA or -RE = Right Angle

-LL

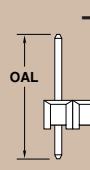
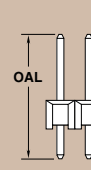
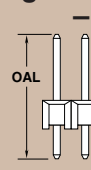
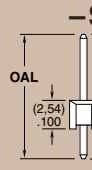
= Locking Lead
(N/A with -RE
N/A in single row 1 or 2
positions. Available on
tails from (2,29) .090" to
(10,16) .400" only)Two leads per strip
crimped in opposite
directions on or near
centerline. See TSW
for availability.-LA = -RA Option with -LL Option
(Maximum “C” = (13,46) .530)

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

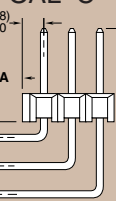
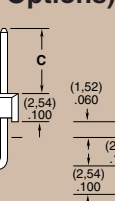
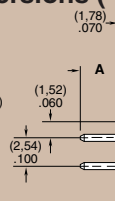
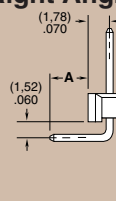
FOR A = (2,29) .090				
LEAD STYLE	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7,62) .300	(2,79) .110	N/A	N/A
-07	(10,92) .430	(6,10) .240	(3,30) .130	N/A
-08	(13,46) .530	(8,64) .340	(5,84) .230	(3,30) .130
-09	(18,54) .730	(13,72) .540	(10,92) .430	(8,38) .330
-10	(21,08) .830	(16,26)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



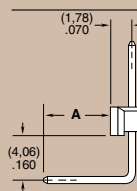
Right Angle Versions (-RA Options) A = OAL - C - (5,33) .210



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 - (7,87) .310



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