

MTSW-125-24-L-T-225



(2,54mm) .100"

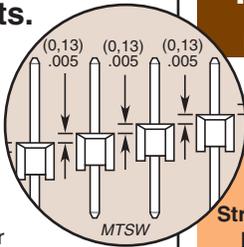
MTSW, HMTSW SERIES

MODIFIED .025" SQ POST HEADERS

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

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

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

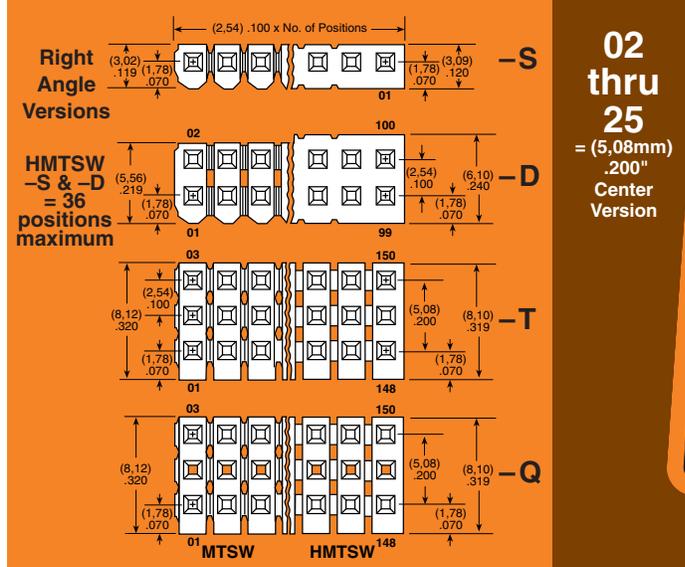
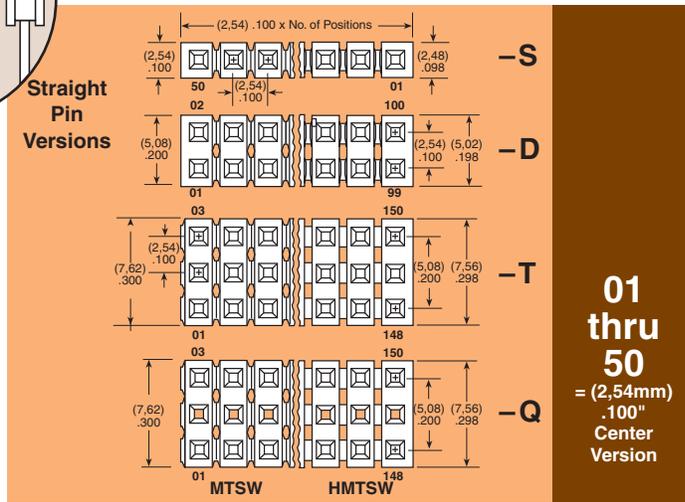


Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x

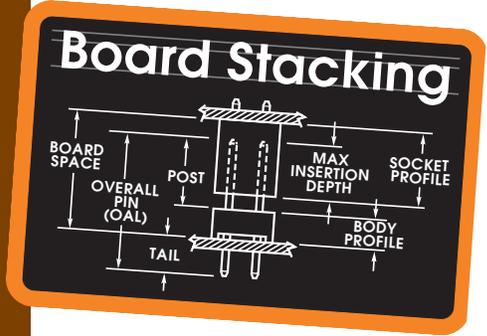
Lead-Free Solderable:
Yes

Note:
These Series are
non-standard, non-returnable.



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	(41,40) 1.630
-23	(46,48) 1.830
-24	(51,56) 2.030
-27	(61,76) 2.430
-28	(66,84) 2.630

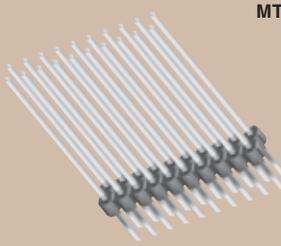


Due to technical progress, all designs, specifications and components are subject to change without notice.

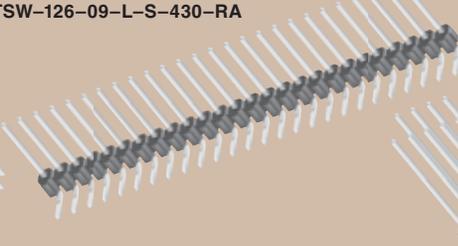
WWW.SAMTEC.COM

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

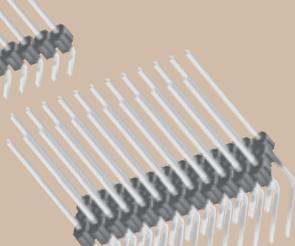
MTSW-203-11-T-T-740



MTSW-110-27-G-D-990



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



MTSW-125-07-T-S-100

PLATING OPTION

-L

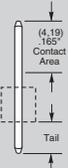
= 10µ" (0,25µm) Gold on contact area, Matte Tin on tail

-G

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

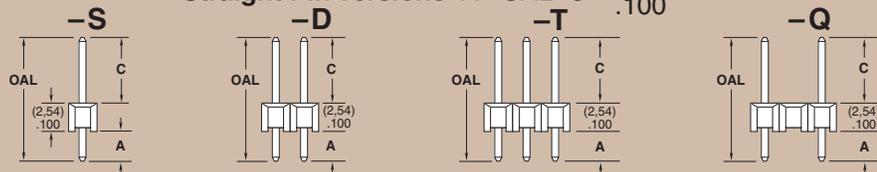
-LA = -RA Option with -LL Option
(Maximum “C” = (13,46) .530)

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

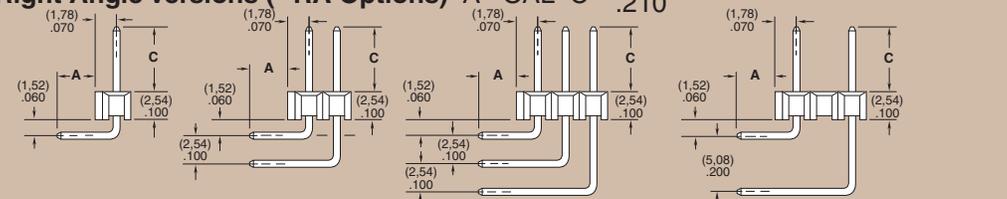
LEAD STYLE	FOR A = (2,29) .090			
	OAL	C MAXIMUM STRAIGHT	C MAXIMUM w/RA	C MAXIMUM w/RE
-06	(7,62) .300	(2,79) .110	N/A	N/A
-07	(10,92) .430	(6,10) .240	(3,30) .130	N/A
-08	(13,46) .530	(8,64) .340	(5,84) .230	(3,30) .130
-09	(18,54) .730	(13,72) .540	(10,92) .430	(8,38) .330
-10	(21,08) .830	(16,26)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

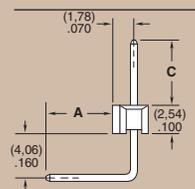


Right Angle Versions (-RA Options) A=OAL-C-^(5,33)_{.210}



Right Angle Versions (-RE Options) Single Row Only

A=OAL-C-^(7,87)_{.310}



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