

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

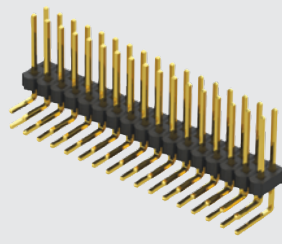
[Samtec, Inc.](#)
[MTSW-116-07-G-S-210](#)

For any questions, you can email us directly:

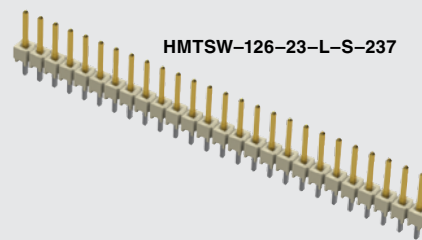
sales@integrated-circuit.com



(2.54 mm) .100"



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



HMTSW-126-23-L-S-237

MODIFIED .025" SQ POST HEADERS

Board Mates:

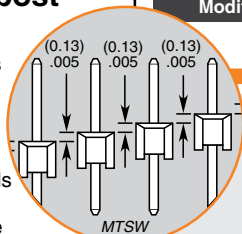
SSW, SSQ, ESW,
ESQ, BCS, BSW
CES, SLW, HLE, SSM

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" (1.27 μm) 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



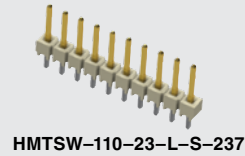
Note:

These Series are non-standard, non-returnable.

TYPE STRIP	PIN PITCH	NO. PINS PER ROW	LEAD STYLE																														
MTSW = Modified Strip	-1 = (2.54 mm) .100" Pitch	-2 = (5.08 mm) .200" Pitch																															
HMTSW = Hi-Temp Modified Strip																																	
SPECIFY "LEAD STYLE" FROM CHART																																	
Straight Pin Versions																																	
		01 thru 50 = (2.54 mm) .100" Center Version																															
Right Angle Versions		02 thru 25 = (5.08 mm) .200" Center Version																															
HMTSW -S & -D = 36 positions maximum																																	
		<table><tr><th>LEAD STYLE</th><th>OAL</th></tr><tr><td>-06</td><td>(7.62) .300</td></tr><tr><td>-07</td><td>(10.92) .430</td></tr><tr><td>-08</td><td>(13.46) .530</td></tr><tr><td>-09</td><td>(18.54) .730</td></tr><tr><td>-10</td><td>(21.08) .830</td></tr><tr><td>-11</td><td>(23.62) .930</td></tr><tr><td>-12</td><td>(26.16) 1.030</td></tr><tr><td>-13</td><td>(31.24) 1.230</td></tr><tr><td>-21</td><td>(36.32) 1.430</td></tr><tr><td>-22</td><td>(16.00) .630</td></tr><tr><td>-23</td><td>(11.30) .445</td></tr><tr><td>-24</td><td>(12.19) .480</td></tr><tr><td>-27</td><td>(33.78) 1.330</td></tr><tr><td>-28</td><td>(28.70) 1.130</td></tr></table>		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
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MTSW-126-08-T-S-229-RA



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



ROW OPTION

-S

= Single

-D

= Double

-T

= Triple

-Q

= Double Row
.200" (5.08 mm)
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 mm) .090"
to (10.16 mm) .400" only)



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

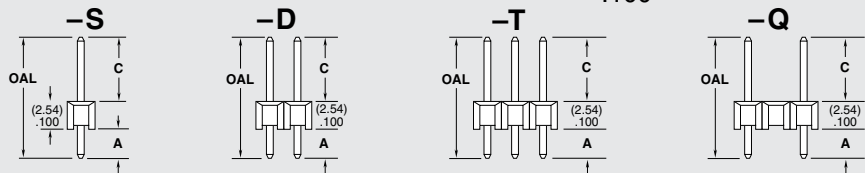
-LA = -RA Option with -LL Option
(Maximum “C” = (13.46 mm) .530)

ALSO AVAILABLE
(MOQ Required)

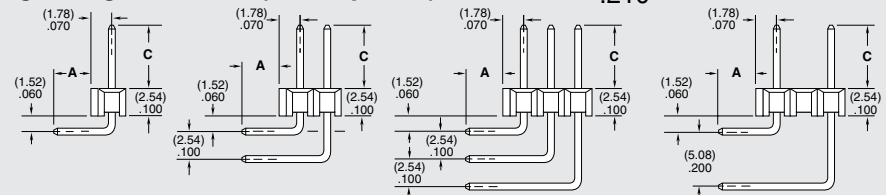
- Other platings
Contact Samtec.

-“XXXX” = “C” Dimension (Specify post height in INCHES - .005" (0.13 mm) increments)

Straight Pin Versions A = OAL - C - (2.54)
.100

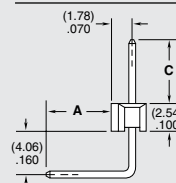


Right-Angle Versions (-RA Options) A = OAL - C - (5.33)
.210 Styles -21, -23, -24, -27 N/A with -D
Styles -13, -21, -23, -24, -27, -28 N/A with -T or -Q



Right-Angle Versions
(-RE Options) Single Row Only

A = OAL - C - (7.87)
.310



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