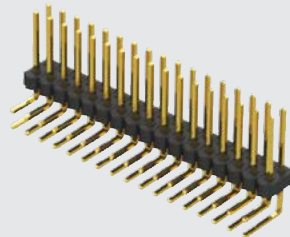
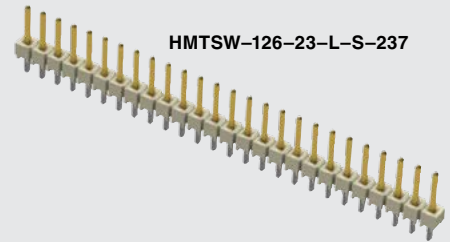




**FLEX  
STACK**



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



HMTSW-126-23-L-S-237

**(2.54 mm) .100"**

# MODIFIED .025" SQ POST HEADERS

**Board Mates:**

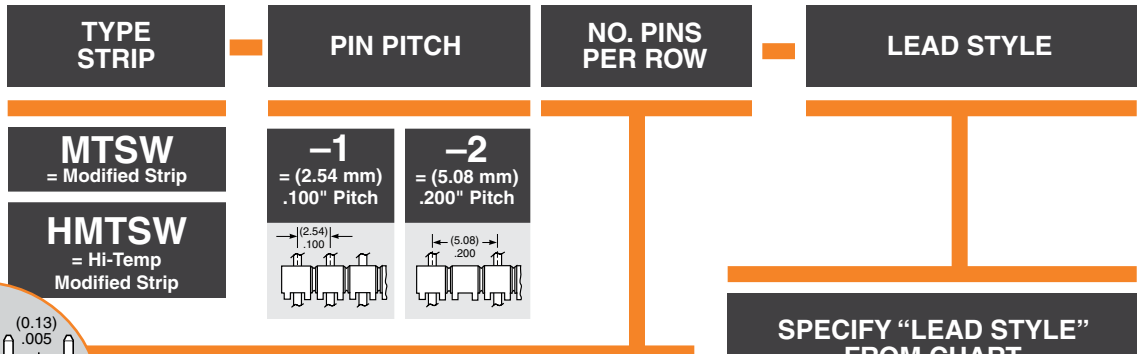
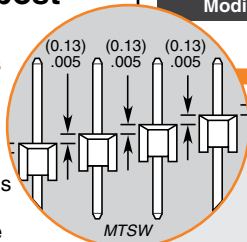
SSW, SSQ, ESW,  
ESQ, BCS, BSW  
CES, SLW, HLE, SSM

**Cable Mates:**

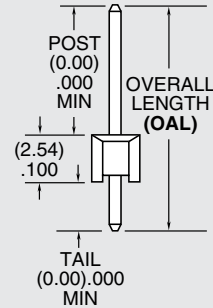
IDSD, IDSS, SMSD, SMSS

**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.



**SPECIFY "LEAD STYLE" FROM CHART**



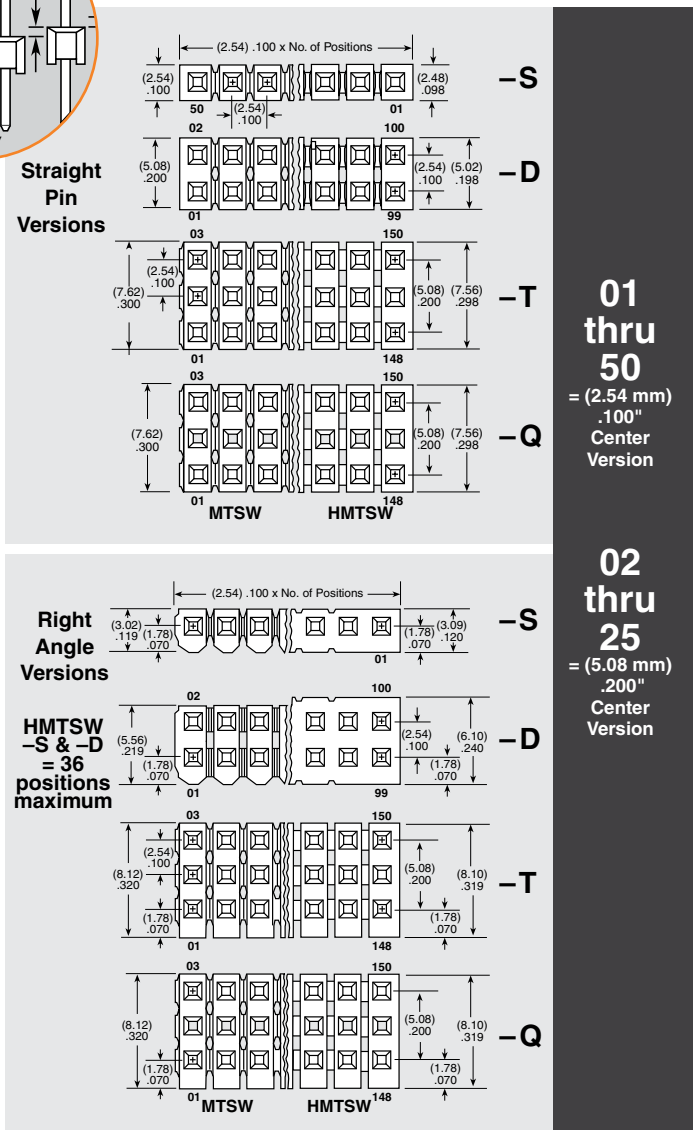
**SPECIFICATIONS**

**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, Lead Wave Only  
HMTSW: Yes

**RECOGNITIONS**



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



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

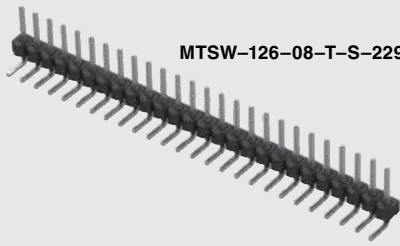
**02 thru 25**  
= (5.08 mm) .200" Center Version

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

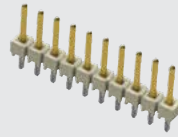
Due to technical progress, all designs, specifications and components are subject to change without notice.



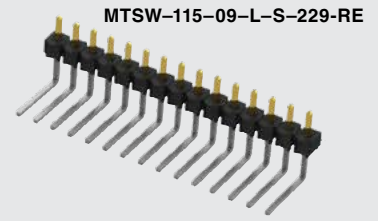
MTSW-108-28-G-D-920



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**

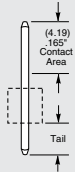
= 10 μm (0.25 μm) Gold on post, Matte Tin on tail

**-G**

= 10 μm (0.25 μm) 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**

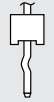
**POLARIZED OPTION**

**-“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)**

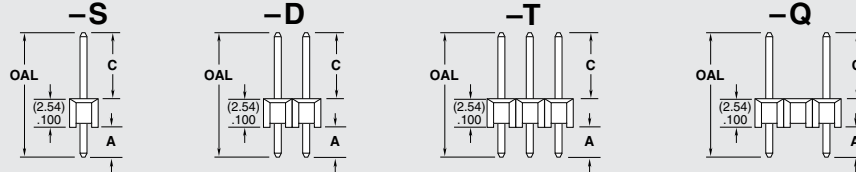
- Other platings

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

LEAD STYLE	FOR A = (2.29) .090			
	OAL	C MAXIMUM STRAIGHT	C MAXIMUM with/-RA	C MAXIMUM with/-RE
-06	(7.62) .300	(2.79) .110	Not Available	Not Available
-07	(10.92) .430	(6.10) .240	(3.30) .130	Not Available
-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	Not Available
*-24	(12.19) .480	(7.37) .290	(4.57) .180	Not Available
*-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

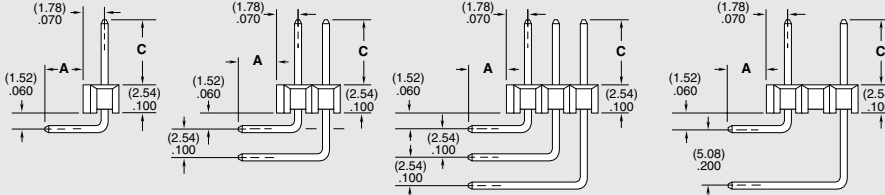
\* Styles -21, -23, -24, -27 not available with -D Right-angle  
Styles -13, -21, -23, -24, -27, -28 not available with -T or -Q Right-angle

**Straight Pin Versions** A=OAL-C-<sup>(2.54)</sup><sub>.100</sub>



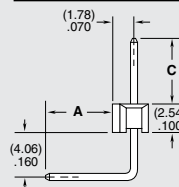
**Right-Angle Versions (-RA Options)** A=OAL-C-<sup>(5.33)</sup><sub>.210</sub>

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-<sup>(7.87)</sup><sub>.310</sub>



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

[WWW.TOBY.CO.UK](http://WWW.TOBY.CO.UK)

All parts within this catalog are built to Samtec's specifications.  
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.