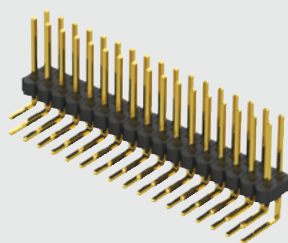
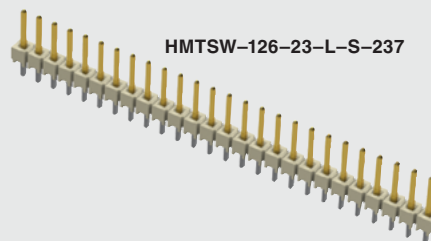


FLEX STACK

(2.54 mm) .100"



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



HMTSW-126-23-L-S-237

MODIFIED .025" SQ POST HEADERS

Board Mates:

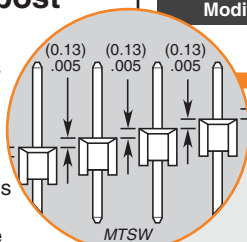
SSW, SSQ, ESW,
ESQ, BCS, BSW
CES, SLW, HLE, SSM

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, Lead Wave Only

HMTSW: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



Note:

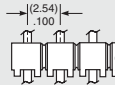
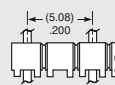
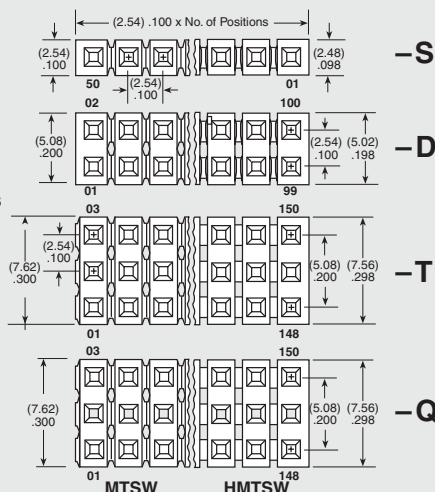
These Series are non-standard, non-returnable.

TYPE
STRIP

PIN PITCH

NO. PINS
PER ROW

LEAD STYLE

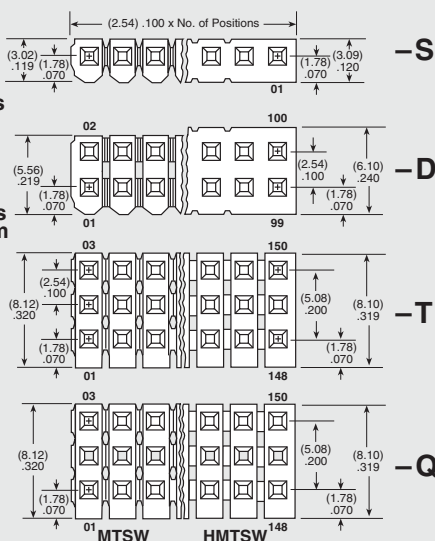
MTSW
= Modified StripHMTSW
= Hi-Temp
Modified Strip-1
= (2.54 mm)
.100" Pitch-2
= (5.08 mm)
.200" PitchStraight
Pin
Versions

-S

-D

-T

-Q

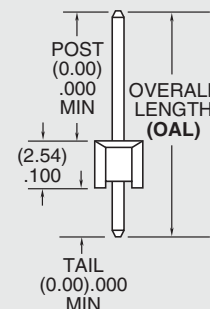
01
thru
50
= (2.54 mm)
.100"
Center
Version02
thru
25
= (5.08 mm)
.200"
Center
VersionRight
Angle
VersionsHMTSW
-S & -D
= 36
positions
maximum

-S

-D

-T

-Q

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

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

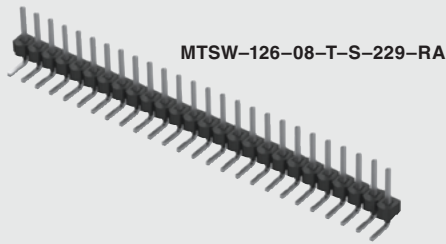
WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

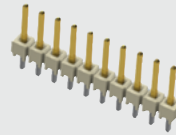
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



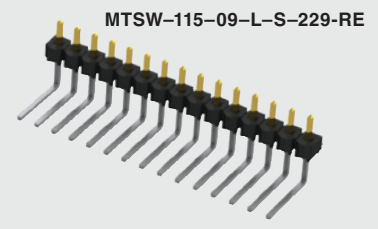
MTSW-108-28-G-D-920



MTSW-126-08-T-S-229-RA



HMTSW-110-23-L-S-237



MTSW-115-09-L-S-229-RE

MTSW, HMTSW SERIES

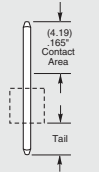
PLATING OPTION

-F

= Gold flash on post, Matte Tin on tail

-L= 10 μ m (0.25 μ m) Gold on post,
Matte Tin on tail**-G**= 10 μ m (0.25 μ m) Gold on post,
Gold flash on balance**-T**

= Matte Tin

ALSO AVAILABLE
(MOQ Required)

- Other platings
Contact Samtec.

ROW
OPTION**-S**

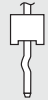
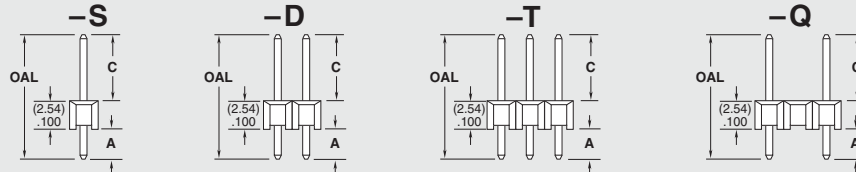
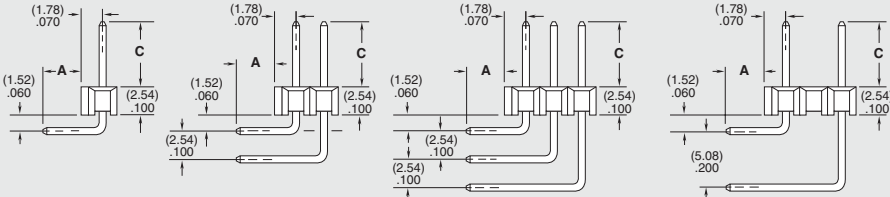
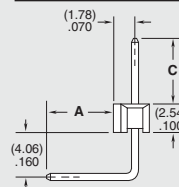
= Single

-D

= Double

-T

= Triple

-Q= Double Row
.200" (5.08 mm)
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 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)**-“XXXX”** = “C” Dimension (Specify post height in INCHES – .005" (0.13 mm) increments)Straight Pin Versions $A = OAL - C - \begin{matrix} (2.54) \\ .100 \end{matrix}$ Right-Angle Versions (-RA Options) $A = OAL - C - \begin{matrix} (5.33) \\ .210 \end{matrix}$ Styles -21, -23, -24, -27 N/A with -D
Styles -13, -21, -23, -24, -27, -28 N/A with -T or -QRight-Angle Versions
(-RE Options) Single Row Only $A = OAL - C - \begin{matrix} (7.87) \\ .310 \end{matrix}$ 

FOR A = (2.29) .090				
LEAD STYLE	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

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