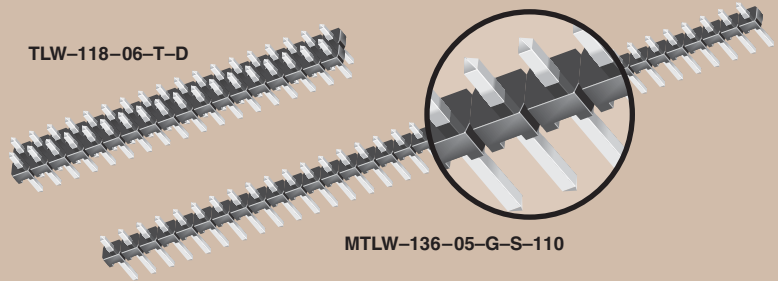




(2,54mm) .100"

TLW, MTLW SERIES

TLW-118-06-T-D



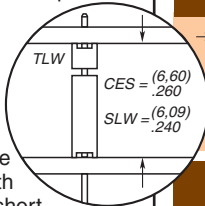
MTLW-136-05-G-S-110

# LOW PROFILE .025" SQ POST HEADERS

Mates with:  
BSW, CES, SLW, HLE

## FEATURES

These headers provide the ultimate low profile (0,64mm) .025" square post board stacking system. The high quality Phosphor Bronze terminals are available with a standard short post height (TLW Series) for mating with low profile sockets, or the post height can be Modified (MTLW Series) to accommodate IDC assemblies and other applications.



<b>TLW</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OTHER OPTION</b>											
<b>01 thru 40</b> = Single Row			Specify "LEAD STYLE" from chart 	<b>-G</b> = 10µ" (0,25µm) Gold on post, Gold flash on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>-RA</b> = Right Angle (-01 Lead Style only)											
<b>01 thru 36</b> = Double Row																	
			<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>N/A</td> <td>(5,84) .230</td> </tr> <tr> <td>-05</td> <td>(4,32) .170</td> <td>(2,67) .105</td> </tr> <tr> <td>-06</td> <td>(3,43) .135</td> <td>(2,67) .105</td> </tr> </tbody> </table>	LEAD STYLE	A	C	-01	N/A	(5,84) .230	-05	(4,32) .170	(2,67) .105	-06	(3,43) .135	(2,67) .105	<b>-T</b> = Matte Tin	<b>-XX</b> = Polarized Position Specify position for omitted pin.
LEAD STYLE	A	C															
-01	N/A	(5,84) .230															
-05	(4,32) .170	(2,67) .105															
-06	(3,43) .135	(2,67) .105															

## SPECIFICATIONS

For complete specifications [www.samtec.com?TLW](http://www.samtec.com?TLW) or see [www.samtec.com?MTLW](http://www.samtec.com?MTLW)

**Insulator Material:** Black Liquid Crystal Polymer



**Terminal Material:** Phosphor Bronze

**Plating:** Au or Sn over 50µ" (1,27mm) Ni

**Current Rating:** 3A

**Operating Temp Range:** -55°C to +105°C with Tin  
-55°C to +125°C with Gold

**RoHS Compliant:** Yes

**Processing:**

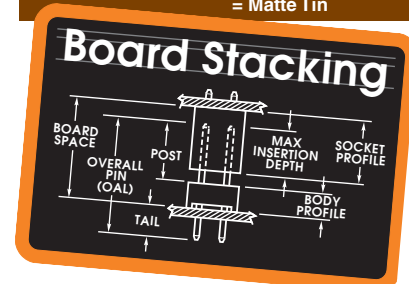
**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x

**Lead-Free Solderable:** Yes

**Note:** Other Gold plating options available. Contact Samtec.

**Note:** Some lengths, styles and options are non-standard, non-returnable. MTLW Series is non-standard, non-returnable.

<b>MTLW</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>POST HEIGHT</b>																			
<b>01 thru 40</b> = Single Row			Specify "LEAD STYLE" from chart 	<b>-G</b> = 10µ" (0,25µm) Gold on post, Gold flash on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>-XXX</b> = Post Height Dimension (In inches)																			
<b>01 thru 36</b> = Double Row																									
			<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr> <td>-05</td> <td>(8,51) .335</td> </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>-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> </tbody> </table>	LEAD STYLE	OAL	-05	(8,51) .335	-06	(7,62) .300	-07	(10,92) .430	-08	(13,46) .530	-09	(18,54) .730	-10	(21,08) .830	-22	(16,00) .630	-23	(11,30) .445	-24	(12,19) .480	<b>-L</b> = 10µ" (0,25µm) Gold on post, Matte Tin on tail (Styles -05 & -06 N/A)	<b>-T</b> = Matte Tin
LEAD STYLE	OAL																								
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Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)