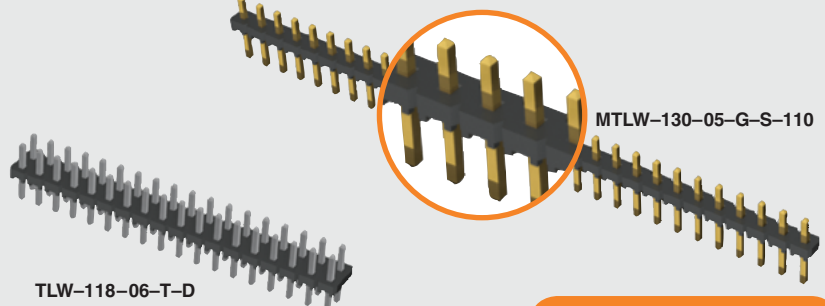


# FLEX STACK



MTLW-130-05-G-S-110

TLW-118-06-T-D

## TLW, MTLW SERIES

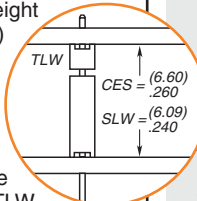
(2.54 mm) .100"

# LOW-PROFILE .025" SQ POST HEADERS

**Board Mates:**  
BSW, CES, SLW, HLE

### FEATURES

These headers provide the ultimate low-profile (0.64 mm) .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.



TLW	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION												
<b>01 thru 40</b> = Single Row 			Specify LEAD STYLE from chart 	<b>-F</b> = Gold flash on post, Matte Tin on tail	<b>-S</b> = Single Row	<b>-RA</b> = Right-angle (-01 Lead Style only)												
<b>01 thru 36</b> = Double Row 				<b>-G</b> = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	<b>-D</b> = Double Row	<b>-“XX”</b> = Polarized Position Specify position for omitted pin.												
			<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		
LEAD STYLE	A	C																
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-05	(4.32) .170	(2.67) .105																
-06	(3.43) .135	(2.67) .105																

**ALSO AVAILABLE**  
(MOQ Required)

- Other platings

### SPECIFICATIONS

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

- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Phosphor Bronze
- Plating:** Au or Sn over 50 μ" (1.27 μm) Ni
- Current Rating (TLW/SLW):** 5.2 A per pin (2 pins powered)
- Operating Temp Range:** -55 °C to +105 °C with Tin, -55 °C to +125 °C with Gold
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Yes

### RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

MTLW	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT																				
<b>01 thru 40</b> = Single Row 			Specify LEAD STYLE from chart 			<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>-S</b> = Single Row	<b>-D</b> = Double Row
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			<b>-T</b> = Matte Tin																							

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

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

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