

FLEX STACK

(2.54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

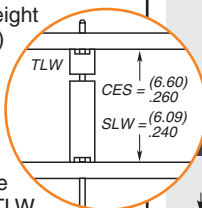
TLW, MTLW SERIES

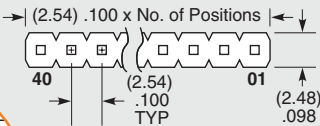
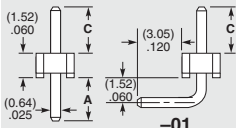
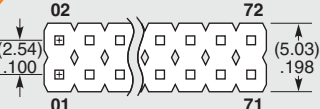
LOW-PROFILE .025" SQ POST HEADERS

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												
01 thru 40 = Single Row 			Specify LEAD STYLE from chart 	-F = Gold flash on post, Matte Tin on tail -G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail -T = Matte Tin	-S = Single Row -D = Double Row	-RA = Right-angle (–01 Lead Style only) -“XX” = Polarized Position Specify position for omitted pin.												
01 thru 36 = Double Row 			<table><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	ALSO AVAILABLE		
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ALSO AVAILABLE
(MOQ Required)

• Other platings

SPECIFICATIONS

For complete specifications see www.samtec.com?TLW or www.samtec.com?MTLW

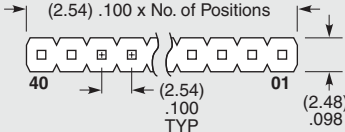
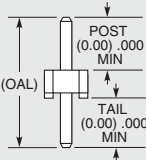
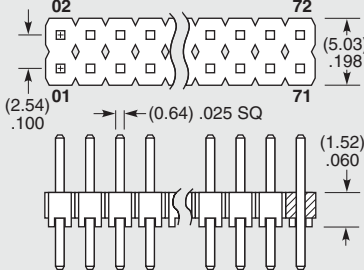
Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50 μ" (1.27 μm) Ni
Current Rating (TLW/SLW): 5.2 A per pin (2 pins powered)
Operating Temp Range: -55 °C to +105 °C with Tin
 -55 °C to +125 °C with Gold
RoHS Compliant: Yes
Lead-Free Solderable: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

RECOGNITIONS

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



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																				
01 thru 40 = Single Row			Specify LEAD STYLE from chart		-S = Single Row	-“XXX” = Post Height Dimension (In inches)																				
					-D = Double Row																					
01 thru 36 = Double Row			<table><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		-F = Gold flash on post, Matte Tin on tail	
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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.