

FLEX STACK

(2.54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

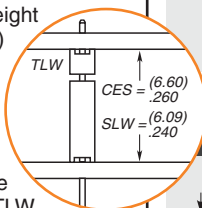
TLW, MTLW SERIES

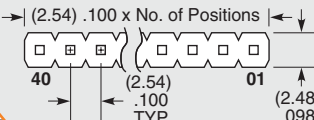
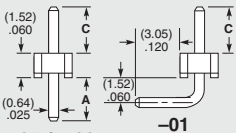
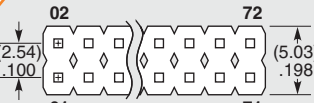
LOW-PROFILE .025" SQ POST HEADERS

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

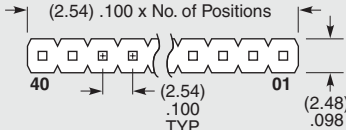
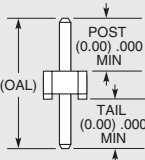
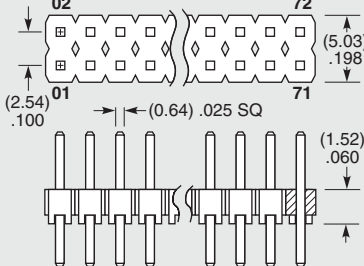
Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50 μ" (1.27 μm) Ni
Current Rating (TLW/SLW): 5.2 A per pin (2 pins powered)
Operating Temp Range: -55 °C to +105 °C with Tin
 -55 °C to +125 °C with Gold
RoHS Compliant: Yes
Lead-Free Solderable: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

-L
= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

-G
= 10 μ" (0.25 μm) Gold on post, Gold flash on tail

-T
= Matte Tin

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

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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.

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