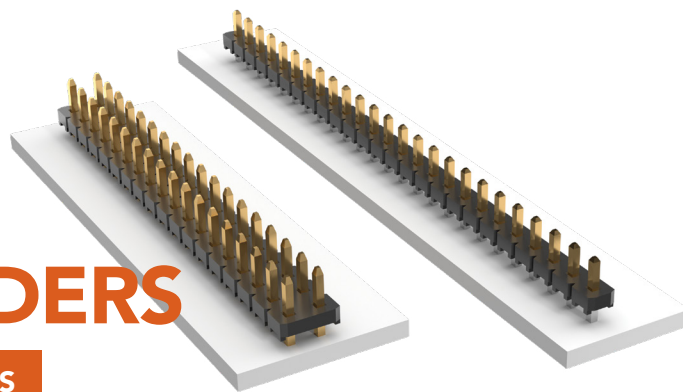


LOW PROFILE .025" SQ POST HEADERS

(2.54 mm) .100" PITCH • TLW/MTLW SERIES



TLW/MTLW

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.

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over
50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +105 °C with Tin

-55 °C to +125 °C with Gold

Current Rating (TLW/SLW):

5.2 A per pin

(2 pins powered)

Voltage Rating:

406 VAC/574 VDC

PROCESSING

Lead-Free Solderable:

Yes

ALSO AVAILABLE

Contact Samtec

Other platings

Notch option

Note:

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

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	-S = Single Row	-RA = Right-angle (-01 Lead Style only)											
		01 thru 36 = Double Row		-G = 10 μm (0.25 μm) Gold on post, Gold flash on tail	-D = Double Row	-“XX” = Polarized Position Specify position for omitted pin.											
				-T = Matte Tin													
<table><tr><th>LEAD STYLE</th><th>A</th><th>B</th></tr><tr><td>-01</td><td>N/A</td><td>(5.84) .230</td></tr><tr><td>-05</td><td>(4.32) .170</td><td rowspan="2">(2.67) .105</td></tr><tr><td>-06</td><td>(3.43) .135</td></tr></table>							LEAD STYLE	A	B	-01	N/A	(5.84) .230	-05	(4.32) .170	(2.67) .105	-06	(3.43) .135
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-01	N/A	(5.84) .230															
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-06	(3.43) .135																

MTLW	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT																				
		01 thru 40 = Single Row	Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail	-S = Single Row	- "XXX" = Post Height Dimension (In inches)																				
		01 thru 36 = Double Row		-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-D = Double Row																					
				-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail																						
				-T = Matte Tin																						
(2.54) .100 x No. of Positions (2.48) .098 (5.03) .198 (1.52) .060 (OAL) POST (0.00) .000 MIN TAIL (0.00) .000 MIN <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
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