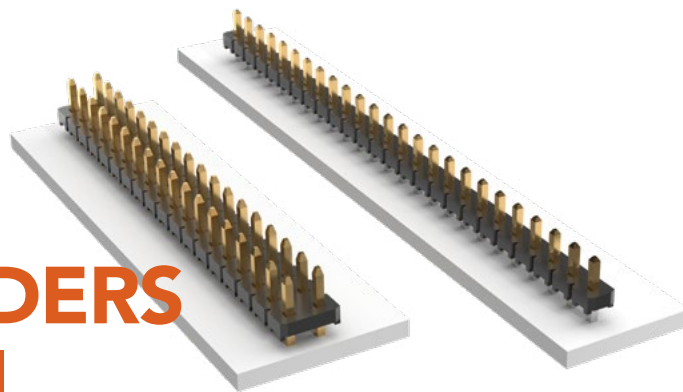


FLEX STACK

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 μ m) Ni

Current Rating (TLW/SLW):

5.2 A per pin

(2 pins powered)

Operating Temp Range:

-55 $^{\circ}$ C to +105 $^{\circ}$ C with Tin

-55 $^{\circ}$ C to +125 $^{\circ}$ C with Gold

PROCESSING

Lead-Free Solderable:

Yes

ALSO AVAILABLE

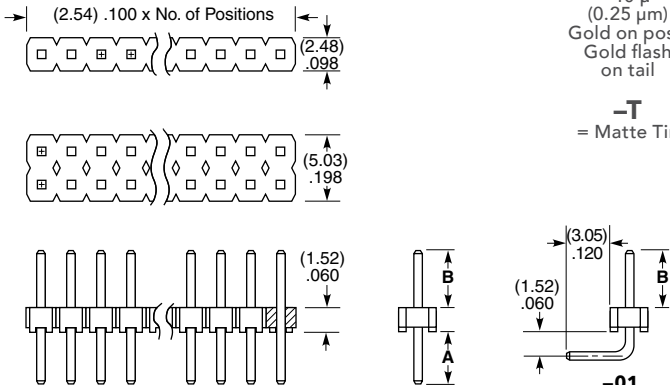
MOQ Required

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 μ" (0.25 μm) Gold on post, Gold flash on tail	-D = Double Row	-“XX” = Polarized Position Specify position for omitted pin.
				-T = Matte Tin		
						
-05 & -06						
		LEAD STYLE	A	B		
		-01	N/A	(5.84) .230		
		-05	(4.32) .170	(2.67) .105		
		-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																						
					<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
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																									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[TLW-110-06-T-S](#)