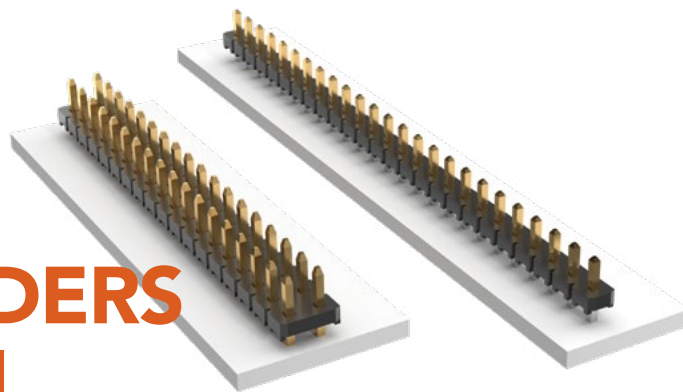


FLEX STACK

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 μ m) 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 μ m) Gold on post, Matte Tin on tail	-D = Double Row	
				-G = 10 μ " (0.25 μ m) Gold on post, Gold flash on tail		
				-T = Matte Tin		
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

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Samtec:

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[TLW-134-05-T-D](#) [TLW-104-05-F-D](#) [TLW-104-06-F-S](#) [TLW-108-06-L-D](#) [TLW-120-06-F-D](#) [TLW-136-06-F-D](#) [TLW-140-](#)
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[TLW-112-06-G-D-LL](#) [TLW-116-06-TM-D](#) [TLW-125-05-H-D](#) [TLW-108-06-TM-D](#) [TLW-110-06-S-D](#) [TLW-112-05-TM-D](#)
[TLW-120-01-T-S-RA](#) [TLW-103-06-S-S](#) [TLW-105-06-TM-S](#) [TLW-114-05-T-D](#) [TLW-115-05-H-D](#) [TLW-116-01-G-S-RA](#)
[TLW-105-01-F-S-RA](#) [TLW-105-05-F-D](#) [TLW-108-01-T-D-RA](#) [TLW-108-06-S-D](#) [TLW-110-06-S-S](#) [TLW-118-06-TM-D](#)
[TLW-130-06-T-S](#) [TLW-140-05-TM-S](#) [TLW-112-06-T-D-03](#) [TLW-124-06-F-S](#) [TLW-135-05-T-D](#) [TLW-109-05-F-D](#) [TLW-](#)
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[TLW-118-01-T-S-RA](#) [TLW-124-05-G-D](#) [TLW-124-05-G-S](#) [TLW-124-05-T-S](#) [TLW-130-06-G-D](#) [TLW-132-06-T-D](#) [TLW-](#)
[136-05-T-D](#) [TLW-108-06-G-D-14](#) [TLW-111-06-G-S](#) [TLW-113-05-T-D](#) [TLW-118-05-T-D](#) [TLW-118-06-G-D](#) [TLW-119-](#)
[06-G-S](#) [TLW-119-06-T-S](#) [TLW-121-05-G-D](#) [TLW-123-05-G-D](#) [TLW-124-06-T-D](#) [TLW-125-06-T-D](#) [TLW-126-06-T-S](#)
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[109-01-G-S-RA](#) [TLW-109-05-G-D](#) [TLW-112-06-T-S](#) [TLW-113-05-G-D](#) [TLW-115-05-T-D](#) [TLW-116-06-T-D](#) [TLW-117-](#)
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