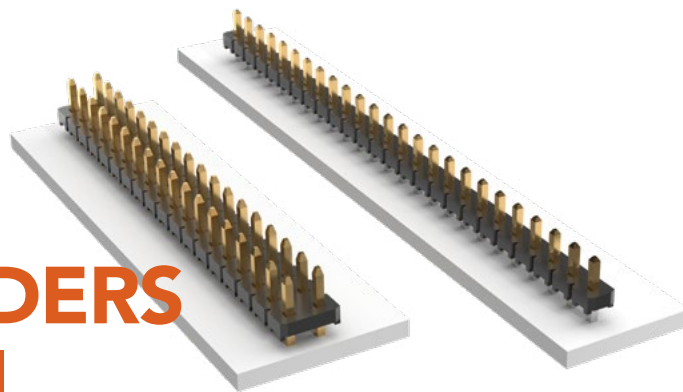


# FLEX STACK

# 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  $\mu$ " (1.27  $\mu$ m) 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

### 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 $\mu$ " (0.25 $\mu$ 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 $\mu$ " (0.25 $\mu$ m) Gold on post, Matte Tin on tail	-D = Double Row	
				-G = 10 $\mu$ " (0.25 $\mu$ 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