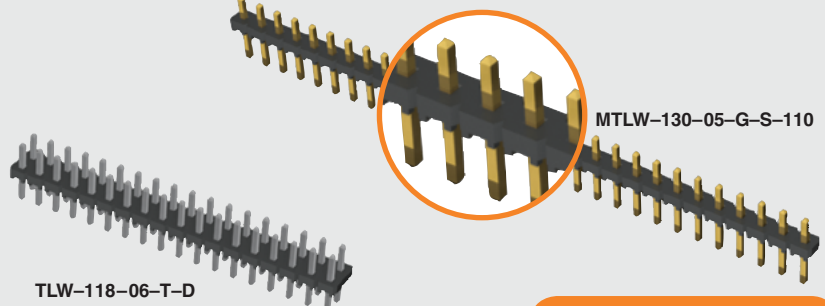


# FLEX STACK



MTLW-130-05-G-S-110

TLW-118-06-T-D

## TLW, MTLW SERIES

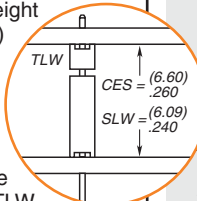
(2.54 mm) .100"

# 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**

**01 thru 40**  
= Single Row

→ (2.54) .100 x No. of Positions | ←

40 (2.54) 01 (2.48) .098

**01 thru 36**  
= Double Row

02 72 (5.03) .198

(2.54) .100 01 71

**Specify LEAD STYLE from chart**

(1.52) .060 C (3.05) .120 C (0.64) .025 A (1.52) .060

**-01**

**-05 & -06**

LEAD STYLE	A	C
-01	N/A	(5.84) .230
-05	(4.32) .170	(2.67) .105
-06	(3.43) .135	(2.67) .105

**-F**  
= Gold flash on post, Matte Tin on tail

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

**-T**  
= Matte Tin

**-S**  
= Single Row

**-D**  
= Double Row

**-RA**  
= Right-angle  
(-01 Lead Style only)

**-“XX”**  
= Polarized Position  
Specify position for omitted pin.

**ALSO AVAILABLE**  
(MOQ Required)

- Other platings

### SPECIFICATIONS

For complete specifications see [www.samtec.com?TLW](http://www.samtec.com?TLW) or [www.samtec.com?MTLW](http://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](http://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

→ (2.54) .100 x No. of Positions | ←

40 (2.54) 01 (2.48) .098

**01 thru 36**  
= Double Row

02 72 (5.03) .198

(2.54) .100 01 71 (0.64) .025 SQ

(1.52) .060

**Specify LEAD STYLE from chart**

(OAL)

POST (0.00) .000 MIN

TAIL (0.00) .000 MIN

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

**-S**  
= Single Row

**-D**  
= Double Row

**-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

**-“XXX”**  
= Post Height Dimension (In inches)

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.