

# FLEX STACK

TLW-118-06-T-D

MTLW-130-05-G-S-110

(2.54 mm) .100"

TLW, MTLW SERIES

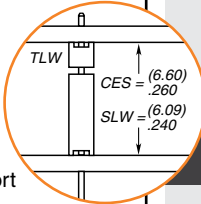
# LOW-PROFILE .025" SQ POST HEADERS

**Board Mates:**  
BSW, CES, SLW, HLE

**Cable Mates:**  
SMSD, SMSS

## 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**

**01 thru 40**  
= Single Row

**01 thru 36**  
= Double Row

**LEAD STYLE**

Specify **LEAD STYLE** from chart

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

**PLATING OPTION**

- 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

**ROW OPTION**

- S**  
= Single Row
- D**  
= Double Row

**OTHER OPTION**

- RA**  
= Right-angle  
(-01 Lead Style only)
- “XX”**  
= Polarized Position  
Specify position for omitted pin.

**ALSO AVAILABLE**  
(MOQ Required)

- Other platings
- Contact Samtec.

## 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**

**01 thru 40**  
= Single Row

**01 thru 36**  
= Double Row

**LEAD STYLE**

Specify **LEAD STYLE** from chart

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

**PLATING OPTION**

- 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

**ROW OPTION**

- S**  
= Single Row
- D**  
= Double Row

**POST HEIGHT**

- “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.