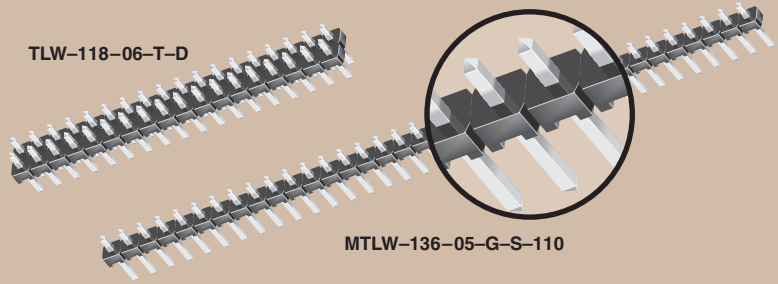




(2,54 mm) .100"

TLW, MTLW SERIES

TLW-118-06-T-D



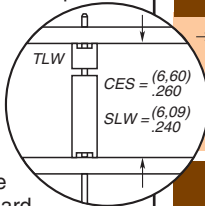
MTLW-136-05-G-S-110

# LOW PROFILE .025" SQ POST HEADERS

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

(2,54) .100 x No. of Positions

40 (2,54) 01 (2,48) .098

.100 TYP

**01 thru 36**  
= Double Row

02 72 (5,03) .198

(2,54) .100 01 71

**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**  
= 10µ" (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.

## 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 50µ" (1,27 µm) Ni  
**Current Rating:** 3A per contact  
**Operating Temp Range:** -55°C to +105°C with Tin  
-55°C to +125°C with Gold  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** Yes



**MTLW** — **1** **NO. PINS PER ROW**

**01 thru 40**  
= Single Row

(2,54) .100 x No. of Positions

40 (2,54) 01 (2,48) .098

.100 TYP

**01 thru 36**  
= Double Row

02 72 (5,03) .198

(2,54) .100 01 71 (0,64) .025 SQ (1,52) .060

**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**  
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail (Styles -05 & -06 not available)

**-G**  
= 10µ" (0,25 µm) Gold on post, Gold flash on tail

**-T**  
= Matte Tin

**ROW OPTION**

**-S**  
= Single Row

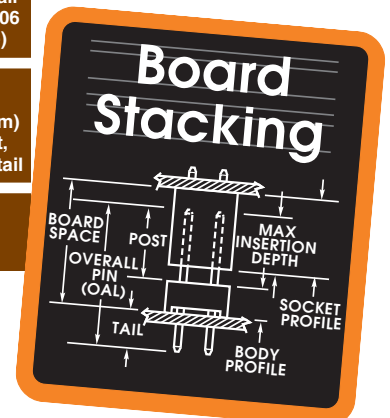
**-D**  
= Double Row

**POST HEIGHT**

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

**Note:** Other Gold plating options available. Contact Samtec.

**Note:** Some lengths, styles and options are non-standard, non-returnable. MTLW Series is non-standard, non-returnable.



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

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