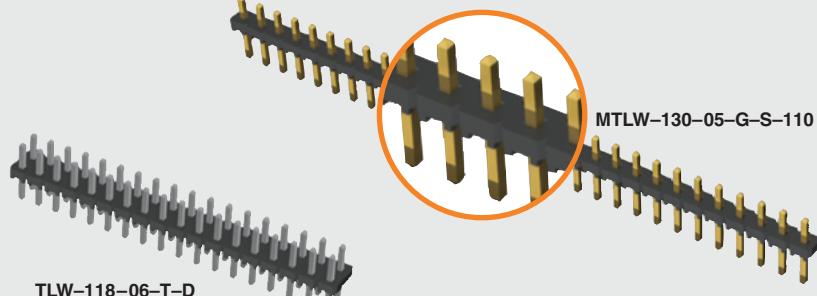


FLEX STACK



MTLW-130-05-G-S-110

TLW-118-06-T-D

TLW, MTLW SERIES

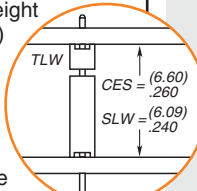
(2.54 mm) .100"

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

.100 TYP

01 thru 36
= Double Row

02 72 (5.03) .198

(2.54) .100 01 71

LEAD STYLE

Specify LEAD STYLE from chart

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

-05 & -06 -01

| 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

SPECIFICATIONS

For complete specifications see www.samtec.com?TLW or 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



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

.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

POST (0.00) .000 MIN

(OAL)

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 |

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.

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