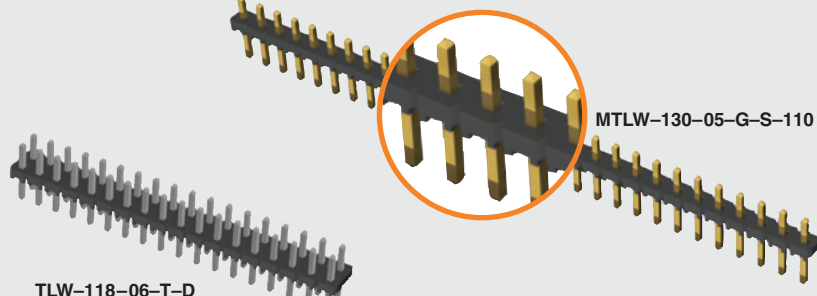


FLEX STACK



MTLW-130-05-G-S-110

TLW-118-06-T-D

TLW, MTLW SERIES

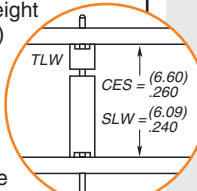
(2.54 mm) .100"

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 | ←

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

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 | ←

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.

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