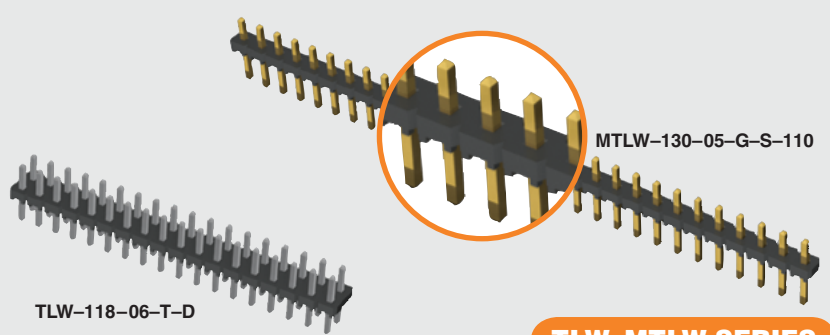


FLEX STACK



TLW, MTLW SERIES

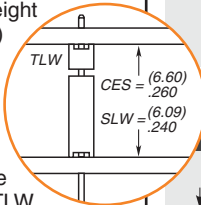
(2.54 mm) .100"

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 | | Specify LEAD STYLE from chart | -F = Gold flash on post, Matte Tin on tail | -S = Single Row | -RA = Right-angle (-01 Lead Style only) |
| 01 thru 36 = Double Row | | | -G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail | -D = Double Row | -“XX” = Polarized Position Specify position for omitted pin. |
| | | | -T = Matte Tin | | |

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

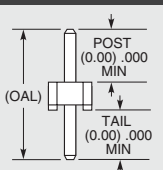
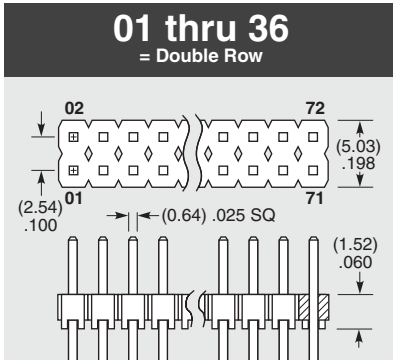
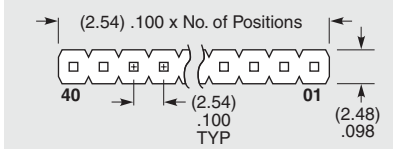
RECOGNITIONS

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 | | Specify LEAD STYLE from chart | | -S = Single Row | -“XXX” = Post Height Dimension (In inches) |
| 01 thru 36 = Double 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 | |



| 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 |

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

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.

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