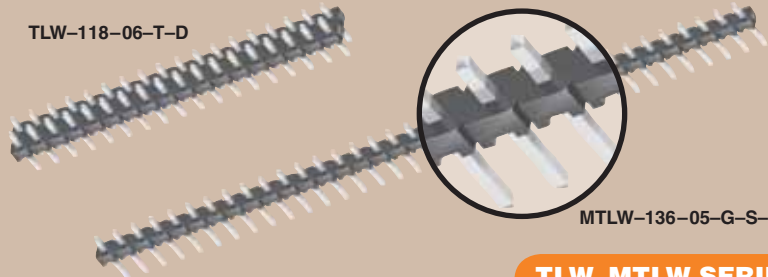




(2,54 mm) .100"

TLW-118-06-T-D



MTLW-136-05-G-S-110

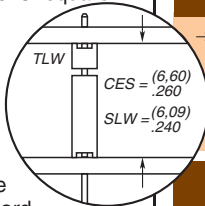
TLW, MTLW SERIES

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 | 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 | | <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>N/A</td> <td>(5,84) .230</td> </tr> <tr> <td>-05</td> <td>(4,32) .170</td> <td>(2,67) .105</td> </tr> <tr> <td>-06</td> <td>(3,43) .135</td> <td>(2,67) .105</td> </tr> </tbody> </table> | | LEAD STYLE | A | C | -01 | N/A | (5,84) .230 | -05 | (4,32) .170 | (2,67) .105 | -06 | (3,43) .135 | (2,67) .105 | -G = 10µ" (0,25 µm) Gold on post, Gold flash on tail | -D = Double Row | -"XX" = Polarized Position Specify position for omitted pin. |
| LEAD STYLE | A | C | | | | | | | | | | | | | | | | |
| -01 | N/A | (5,84) .230 | | | | | | | | | | | | | | | | |
| -05 | (4,32) .170 | (2,67) .105 | | | | | | | | | | | | | | | | |
| -06 | (3,43) .135 | (2,67) .105 | | | | | | | | | | | | | | | | |
| | | | | -T = Matte Tin | ALSO AVAILABLE (MOQ Required) | | | | | | | | | | | | | |
| | | | | • Other platings Contact Samtec. | | | | | | | | | | | | | | |

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

50µ" (1,27 µm) Ni

Current Rating (TLW/SLW):
5.2 A per pin
(1 pin powered per row)

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 | | -F = Gold flash on post, Matte Tin on tail | -S = Single Row | -"XXX" = Post Height Dimension (In inches) | | | | | | | | | | | | | | | | | | | | |
| 01 thru 36 = Double Row | | <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr> <td>-05</td> <td>(8,51) .335</td> </tr> <tr> <td>-06</td> <td>(7,62) .300</td> </tr> <tr> <td>-07</td> <td>(10,92) .430</td> </tr> <tr> <td>-08</td> <td>(13,46) .530</td> </tr> <tr> <td>-09</td> <td>(18,54) .730</td> </tr> <tr> <td>-10</td> <td>(21,08) .830</td> </tr> <tr> <td>-22</td> <td>(16,00) .630</td> </tr> <tr> <td>-23</td> <td>(11,30) .445</td> </tr> <tr> <td>-24</td> <td>(12,19) .480</td> </tr> </tbody> </table> | | 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 | -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail (Styles -05 & -06 not available) | -D = Double Row | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | -G = 10µ" (0,25 µm) Gold on post, Gold flash on tail | Board Stacking | | | | | | | | | | | | | | | | | | | | | |
| | | | | -T = Matte Tin | | | | | | | | | | | | | | | | | | | | | | |

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

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