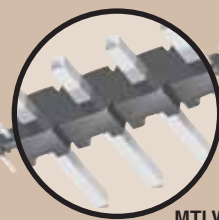
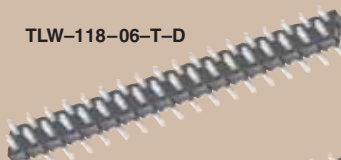




(2,54 mm) .100"

TLW-118-06-T-D



MTLW-136-05-G-S-110

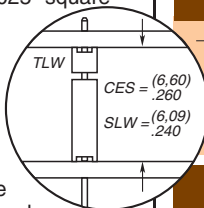
TLW, MTLW SERIES

# LOW PROFILE .025" SQ POST HEADERS

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

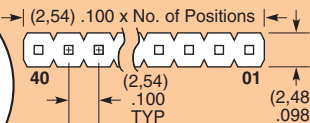
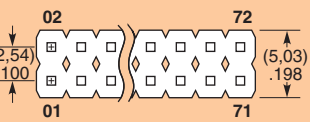
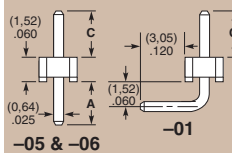
## FEATURES

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 ROWLEAD  
STYLEPLATING  
OPTIONROW  
OPTIONOTHER  
OPTION01 thru 40  
= Single Row01 thru 36  
= Double RowSpecify  
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 |

**-F**  
= Gold flash  
on post,  
Matte Tin  
on tail

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

**-T**  
= Matte Tin

**-S**  
= Single  
Row

**-D**  
= Double  
Row

**-RA**  
= Right Angle  
(-01 Lead  
Style only)

**-“XX”**  
= Polarized  
Position  
Specify  
position for  
omitted pin.

**ALSO AVAILABLE**  
(MOQ Required)

• Other platings  
Contact Samtec.

## 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 (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

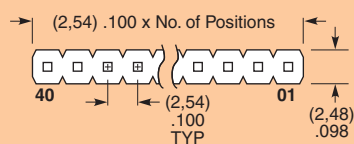
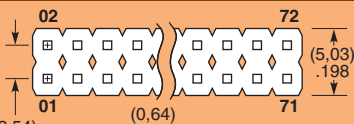
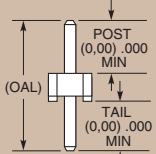
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

MTLW

1

NO. PINS  
PER ROWLEAD  
STYLEPLATING  
OPTIONROW  
OPTIONPOST  
HEIGHT01 thru 40  
= Single Row01 thru 36  
= Double RowSpecify  
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 |

**-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

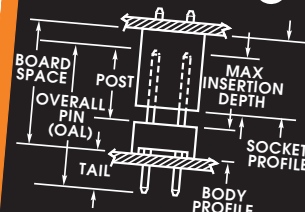
**-T**  
= Matte Tin

**-S**  
= Single Row

**-D**  
= Double Row

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

## Board Stacking



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

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