



(2,54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

TLW, MTLW SERIES

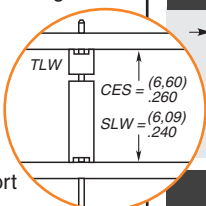
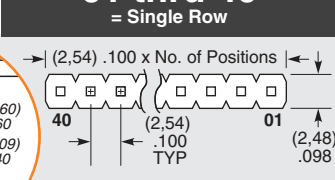
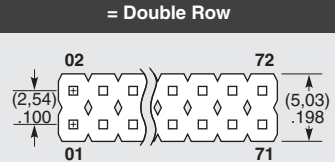
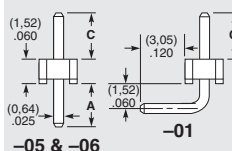
# LOW PROFILE .025" SQ POST HEADERS

## 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**
**01 thru 40**  
= Single Row

**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**  
= 10μ" (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  
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

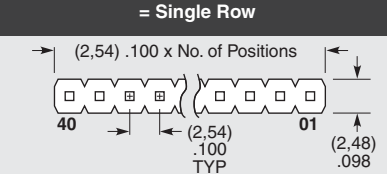
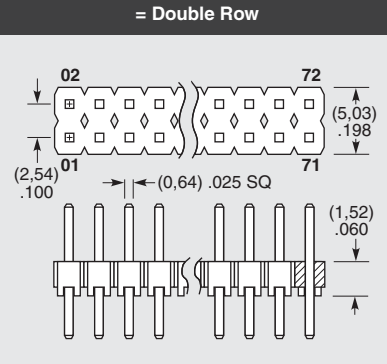
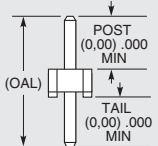
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

### Note:

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

**MTLW** - **1** **NO. PINS PER ROW**
**01 thru 40**  
= Single Row

**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**  
= 10μ" (0,25 μm)  
Gold on post,  
Matte Tin on tail

**-G**  
= 10μ" (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)
