

Through
T/H
Hole

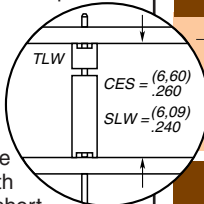
LOW PROFILE HEADER

TLW, MTLW
SERIES

Mates with:
BSW, CES, SLW, HLE

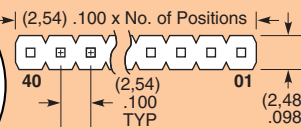
FEATURES

These headers provide the ultimate low profile (0.64mm) .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.

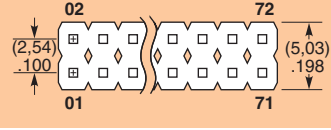


TLW — **1** **NO. PINS PER ROW**

01 thru 40
= Single Row

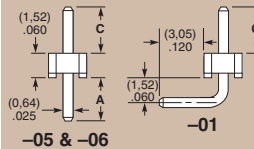


01 thru 36
= Double Row



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

ROW OPTION

OTHER OPTION

-S
= Single Row

-D
= Double Row

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

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

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

-T
= Matte Tin

SPECIFICATIONS

For complete specifications
www.samtec.com?TLW or
see www.samtec.com?MTLW

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over 50μ" (1,27mm) Ni

Current Rating:

3A

Operating Temp Range:

-55°C to +105°C with Tin

-55°C to +125°C with Gold

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

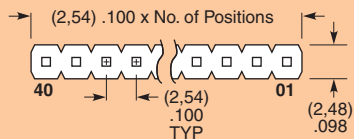
Note:

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

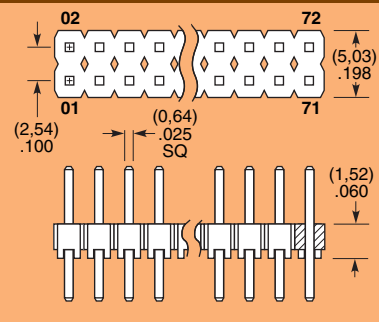


MTLW — **1** **NO. PINS PER ROW**

01 thru 40
= Single Row

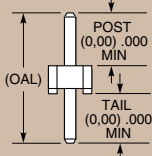


01 thru 36
= Double Row



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

ROW OPTION

POST HEIGHT

-S
= Single Row

-D
= Double Row

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

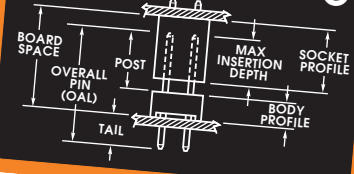
-G
= 10μ" (0,25μm) Gold on post,
Gold flash on tail

-S
= 30μ" (0,76μm) Gold on post,
Matte Tin on tail
(Styles -05 & -06 N/A)

-T
= Matte Tin

-L
= 10μ" (0,25μm) Gold on post,
Matte Tin on tail
(Styles -05 & -06 N/A)

Board Stacking



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

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