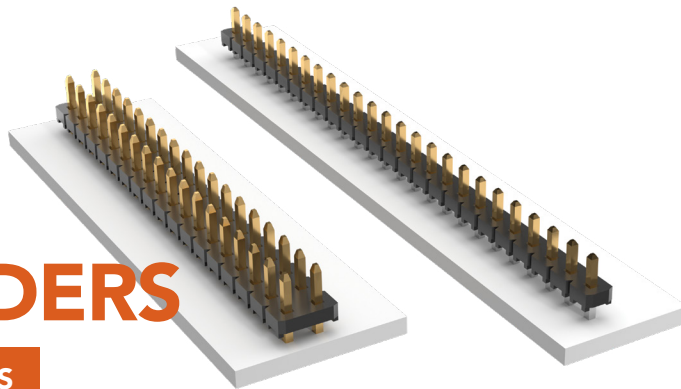


**FLEX
STACK**

LOW PROFILE .025" SQ POST HEADERS

(2.54 mm) .100" PITCH • TLW/MTLW SERIES



TLW/MTLW

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.

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over
50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 $^{\circ}$ C to +105 $^{\circ}$ C with Tin

-55 $^{\circ}$ C to +125 $^{\circ}$ C with Gold

Current Rating (TLW/SLW):

5.2 A per pin

(2 pins powered)

Voltage Rating:

406 VAC/574 VDC

PROCESSING

Lead-Free Solderable:

Yes

ALSO AVAILABLE

Contact Samtec

Other platings

Notch option

Note:

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

TLW	-	1	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	ROW OPTION	-	OTHER OPTION
-----	---	---	------------------	---	------------	---	----------------	---	------------	---	--------------

01 thru 40
= Single Row

01 thru 36
= Double Row

Specify
LEAD
STYLE
from
chart

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

-G
= 10 μ "
(0.25 μ m)
Gold on post,
Gold flash
on tail

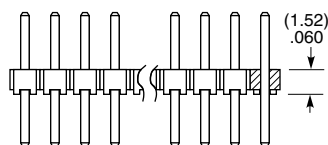
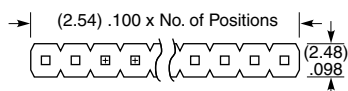
-T
= Matte Tin

-S
= Single
Row

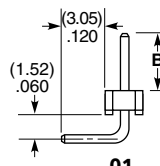
-D
= Double
Row

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

- "XX"
= Polarized Position
Specify position for
omitted pin.



-05 & -06



LEAD STYLE	A	B
-01	N/A	(5.84) .230
-05	(4.32) .170	(2.67) .105
-06	(3.43) .135	

MTLW	-	1	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	ROW OPTION	-	POST HEIGHT
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01 thru 40
= Single Row

01 thru 36
= Double Row

Specify
LEAD
STYLE
from
chart

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

-L
= 10 μ " (0.25 μ m)
Gold on post,
Matte Tin on tail

-G
= 10 μ " (0.25 μ m)
Gold on post,
Gold flash on tail

-T
= Matte Tin

- "XXX"
= Post Height
Dimension
(In inches)

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

