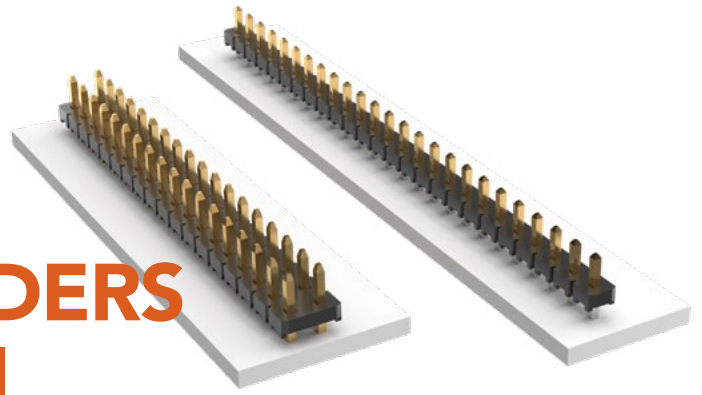


FLEX STACK

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 μm) Ni
Current Rating (TLW/SLW):
5.2 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °C with Gold

PROCESSING

Lead-Free Solderable:
Yes

ALSO AVAILABLE

MOQ Required

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
-----	-----	------------------	------------	----------------	------------	--------------

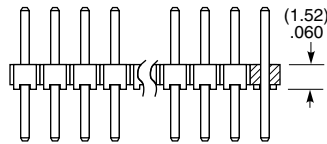
01 thru 40
= Single Row
01 thru 36
= Double Row

Specify
LEAD STYLE
from chart

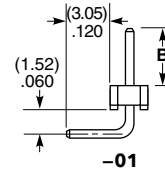
-F
= Gold flash on post, Matte Tin on tail
-G
= 10 μ" (0.25 μm) Gold on post, Gold flash on tail
-T
= Matte Tin

-S
= Single Row
-D
= Double Row

-RA
= Right-angle (-01 Lead Style only)
"-XX"
= Polarized Position Specify position for omitted pin.



-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
------	-----	------------------	------------	----------------	------------	-------------

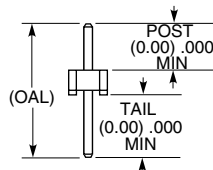
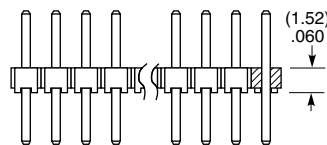
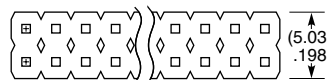
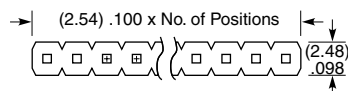
01 thru 40
= Single Row
01 thru 36
= Double Row

Specify
LEAD STYLE
from chart

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

-S
= Single Row
-D
= Double Row

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



-G
= 10 μ" (0.25 μm) Gold on post, Gold flash on tail
-T
= Matte Tin

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[MTLW-107-07-G-S-012](#) [MTLW-107-07-G-S-120](#) [MTLW-107-07-G-S-350](#) [MTLW-107-07-L-D-023](#) [MTLW-107-07-L-D-236](#) [MTLW-107-07-L-D-270](#) [MTLW-107-07-S-D-240](#) [MTLW-107-07-SM-D-190](#) [MTLW-107-07-SM-D-250](#) [MTLW-107-07-T-D-230](#) [MTLW-107-08-G-D-185](#) [MTLW-107-08-G-D-320](#) [MTLW-107-08-G-S-400](#) [MTLW-107-08-L-D-300](#) [MTLW-107-08-L-D-350](#) [MTLW-107-08-L-S-300](#) [MTLW-107-08-T-D-235](#) [MTLW-107-08-T-D-355](#) [MTLW-107-09-G-D-380](#) [MTLW-107-09-G-S-400](#) [MTLW-107-09-T-D-450](#) [MTLW-107-10-T-S-625](#) [MTLW-107-22-G-D-430](#) [MTLW-107-22-L-D-480](#) [MTLW-107-22-S-D-380](#) [MTLW-107-22-T-D-430](#) [MTLW-107-24-L-D-280](#) [MTLW-107-24-L-D-320](#) [MTLW-107-24-S-D-230](#) [MTLW-107-24-S-D-320](#) [MTLW-108-05-G-D-200](#) [MTLW-108-05-L-D-166](#) [MTLW-108-05-S-D-185](#) [MTLW-108-05-T-S-138](#) [MTLW-108-05-T-S-170](#) [MTLW-108-06-G-D-010](#) [MTLW-108-06-G-D-110](#) [MTLW-108-06-G-S-000](#) [MTLW-108-06-G-S-240](#) [MTLW-108-07-G-D-180](#) [MTLW-108-07-G-D-236](#) [MTLW-108-07-G-D-285](#) [MTLW-108-07-G-D-300](#) [MTLW-108-07-L-D-023](#) [MTLW-108-07-L-D-225](#) [MTLW-108-07-L-S-250](#) [MTLW-108-07-S-D-180](#) [MTLW-108-07-S-D-230](#) [MTLW-108-07-S-D-265](#) [MTLW-108-07-T-D-006](#) [MTLW-108-07-T-D-090](#) [MTLW-108-07-T-S-200](#) [MTLW-108-08-G-D-187](#) [MTLW-108-08-G-D-200](#) [MTLW-108-08-G-D-235](#) [MTLW-108-08-G-S-125](#) [MTLW-108-08-L-D-380](#) [MTLW-108-08-S-D-365](#) [MTLW-108-08-T-S-350](#) [MTLW-108-09-G-D-185](#) [MTLW-108-09-G-D-560](#) [MTLW-108-09-G-S-422](#) [MTLW-108-09-L-S-500](#) [MTLW-108-09-T-D-500](#) [MTLW-108-10-G-D-600](#) [MTLW-108-10-G-S-605](#) [MTLW-108-22-G-D-330](#) [MTLW-108-22-G-D-410](#) [MTLW-108-22-G-D-470](#) [MTLW-108-22-L-D-450](#) [MTLW-108-22-S-D-410](#) [MTLW-108-22-S-S-400](#) [MTLW-108-22-T-D-410](#) [MTLW-108-22-T-S-480](#) [MTLW-108-23-G-D-260](#) [MTLW-108-23-L-S-255](#) [MTLW-108-24-G-S-160](#) [MTLW-108-24-L-D-330](#) [MTLW-109-05-G-S-105](#) [MTLW-109-05-S-S-185](#) [MTLW-109-05-T-D-165](#) [MTLW-109-06-T-D-120](#) [MTLW-109-06-T-S-125](#) [MTLW-109-07-G-D-255](#) [MTLW-109-07-G-S-110-08](#) [MTLW-109-07-G-S-200](#) [MTLW-109-07-G-S-220](#) [MTLW-109-07-LM-S-272](#) [MTLW-109-07-L-S-220](#) [MTLW-109-07-L-S-272](#) [MTLW-109-07-S-D-250](#) [MTLW-109-07-T-S-220](#) [MTLW-109-07-T-S-277](#) [MTLW-109-08-H-S-375](#) [MTLW-109-08-T-S-375](#) [MTLW-109-08-T-S-400](#) [MTLW-109-09-G-D-300](#) [MTLW-109-09-T-D-495](#) [MTLW-109-23-L-S-255](#) [MTLW-110-05-F-D-185](#)