

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

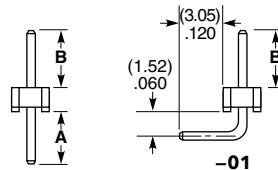
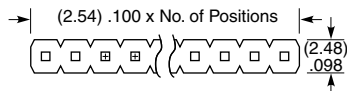
01 thru 40
= Single Row
01 thru 36
= Double Row

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.



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

-05 & -06

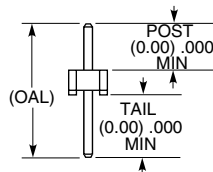
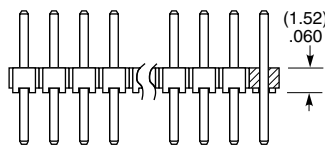
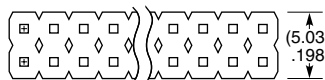
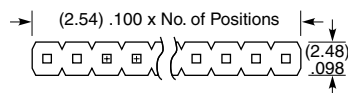
MTLW	- 1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT
------	-----	------------------	------------	----------------	------------	-------------

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

"-XXX"
= Post Height Dimension (In inches)
-D
= Double Row



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:](#)

[TLW-136-05-G-D](#)