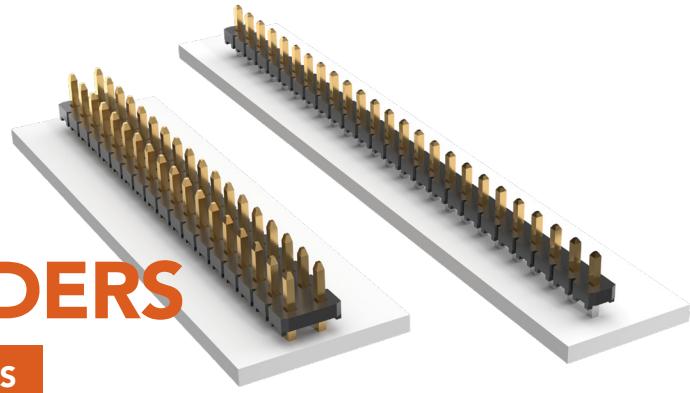


FLEX STACK

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

TLW	- 1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
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01 thru 40
= Single Row
01 thru 36
= Double Row

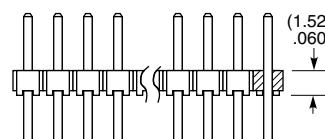
Specify LEAD STYLE from chart

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

→ (2.54) .100 x No. of Positions (2.48) .098



-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

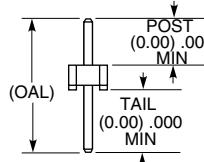
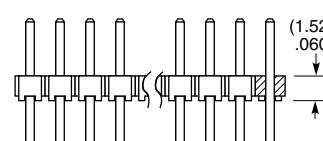
Specify LEAD STYLE from chart

-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

-S = Single Row
-D = Double Row

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

→ (2.54) .100 x No. of Positions (2.48) .098



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

Note:

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