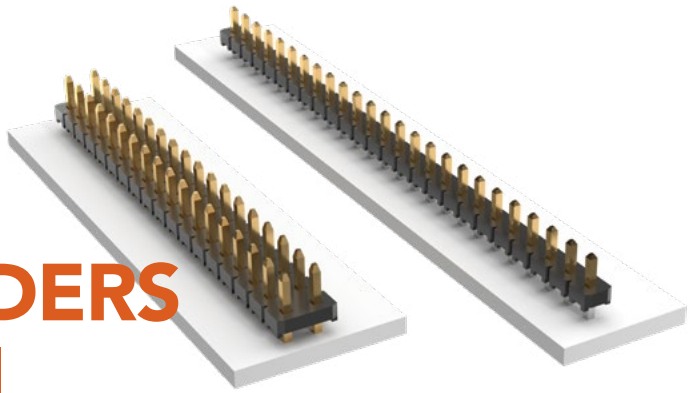
FLEX STACK

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

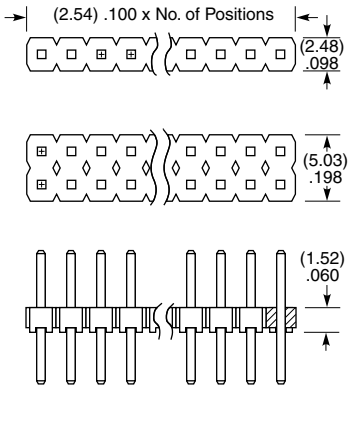
–T
= Matte Tin

– S
= Single Row

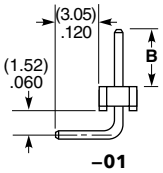
– D
= Double Row

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

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



–05 & –06



–01

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

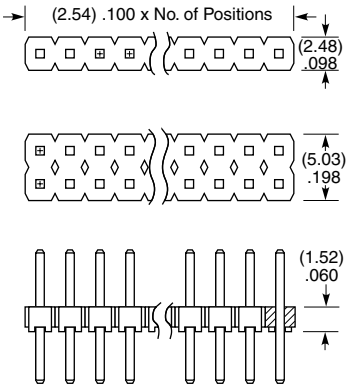
–G
= 10 µ" (0.25 µm) Gold on post, Gold flash on tail

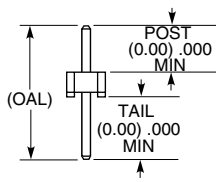
–T
= Matte Tin

– S
= Single Row

– D
= Double Row

–"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