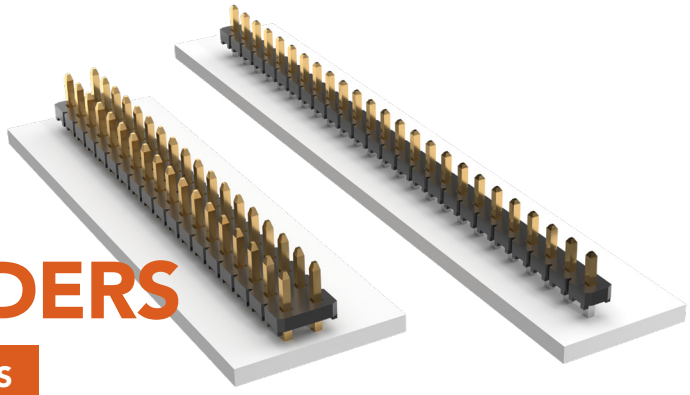
FLEX STACK

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
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °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

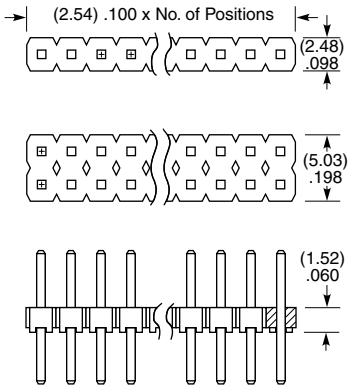
NO. PINS PER ROW
01 thru 40
= Single Row
01 thru 36
= Double Row

LEAD STYLE
Specify LEAD STYLE from chart

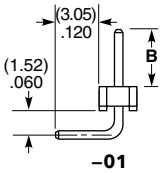
PLATING OPTION
–F
= Gold flash on post, Matte Tin on tail
–G
= 10 µ" (0.25 µm) Gold on post, Gold flash on tail
–T
= Matte Tin

ROW OPTION
– S
= Single Row
– D
= Double Row

OTHER OPTION
–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

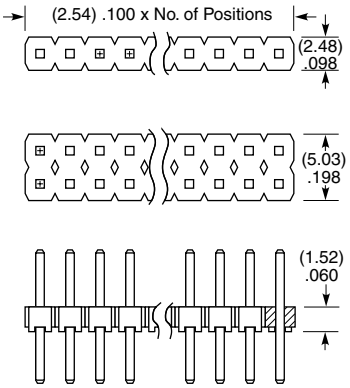
NO. PINS PER ROW
01 thru 40
= Single Row
01 thru 36
= Double Row

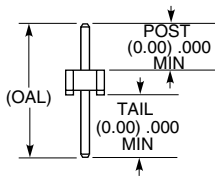
LEAD STYLE
Specify LEAD STYLE from chart

PLATING OPTION
–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

ROW OPTION
– S
= Single Row
– D
= Double Row

POST HEIGHT
–"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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.