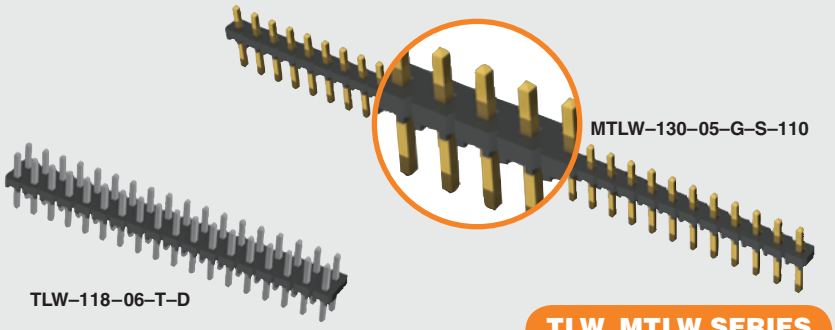
samtec

FLEX STACK



(2.54 mm) .100"

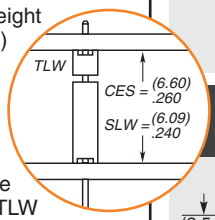
TLW, MTLW SERIES

LOW-PROFILE .025" SQ POST HEADERS

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

For complete specifications see www.samtec.com?TLW or www.samtec.com?MTLW

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
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

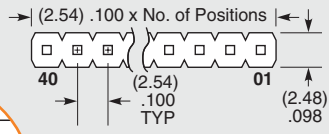
FILE NO. E111594

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

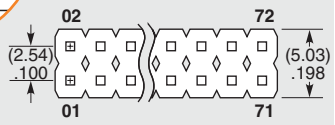
TLW – 1 – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – ROW OPTION – OTHER OPTION

NO. PINS PER ROW

01 thru 40
= Single Row

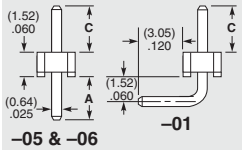


01 thru 36
= Double Row



LEAD STYLE

Specify LEAD STYLE from chart



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

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.

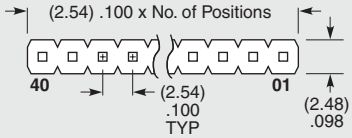
ALSO AVAILABLE
(MOQ Required)

- Other platings

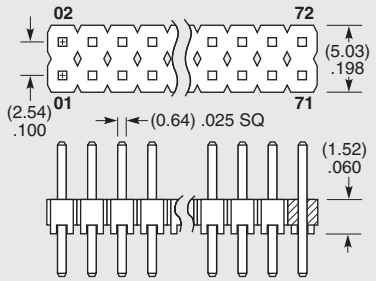
MTLW – 1 – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – ROW OPTION – POST HEIGHT

NO. PINS PER ROW

01 thru 40
= Single Row

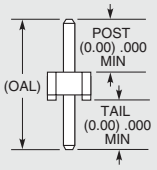


01 thru 36
= Double Row



LEAD STYLE

Specify LEAD STYLE from chart



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

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)

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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