

FLEX STACK

(2.54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

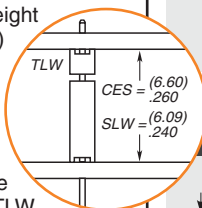
TLW, MTLW SERIES

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.

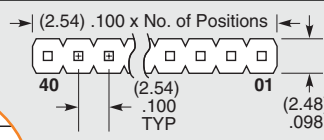


TLW

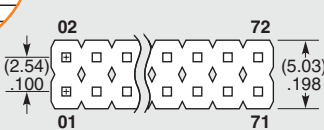
1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTIONOTHER
OPTION

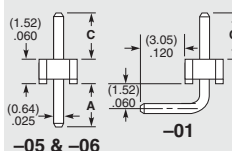
01 thru 40
= Single Row



01 thru 36
= Double Row



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

-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.

ALSO AVAILABLE
(MOQ Required)

• Other platings

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



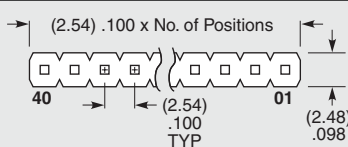
Note:
Some lengths, styles and
options are non-standard,
non-returnable. MTLW Series
is non-standard, non-returnable.

MTLW

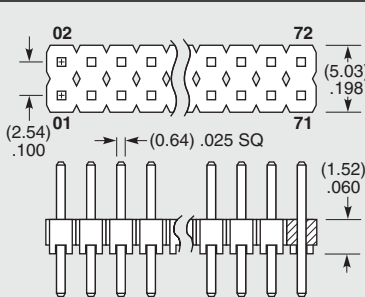
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NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTIONPOST
HEIGHT

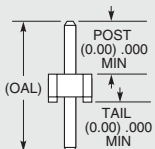
01 thru 40
= Single Row



01 thru 36
= Double Row



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

-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

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

WWW.SAMTEC.COM

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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