

FLEX STACK

(2.54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

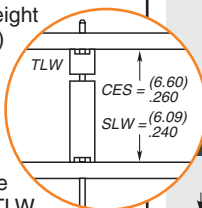
TLW, MTLW SERIES

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 ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
01 thru 40 = Single Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-S = Single Row	-RA = Right-angle (-01 Lead Style only)
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-D = Double Row	-“XX” = Polarized Position Specify position for omitted pin.
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-F = Gold flash on post, Matte Tin on tail	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-T = Matte Tin	

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	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT
01 thru 40 = Single Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-S = Single Row	-“XXX” = Post Height Dimension (In inches)
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-D = Double Row	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-F = Gold flash on post, Matte Tin on tail	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	
01 thru 36 = Double Row		(2.54) .100 x No. of Positions TYP	Specify LEAD STYLE from chart		-T = Matte Tin	

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

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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.