

FLEX STACK

(2.54 mm) .100"

TLW-118-06-T-D

MTLW-130-05-G-S-110

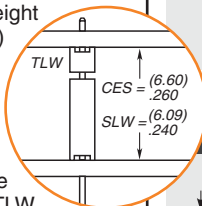
TLW, MTLW SERIES

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 			Specify LEAD STYLE from chart -05 & -06 -01	-F = Gold flash on post, Matte Tin on tail	-S = Single Row	-RA = Right-angle (-01 Lead Style only)												
01 thru 36 = Double Row 				-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	-D = Double Row	-“XX” = Polarized Position Specify position for omitted pin.												
			<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>N/A</td> <td>(5.84) .230</td> </tr> <tr> <td>-05</td> <td>(4.32) .170</td> <td>(2.67) .105</td> </tr> <tr> <td>-06</td> <td>(3.43) .135</td> <td>(2.67) .105</td> </tr> </tbody> </table>	LEAD STYLE	A	C	-01	N/A	(5.84) .230	-05	(4.32) .170	(2.67) .105	-06	(3.43) .135	(2.67) .105	-T = Matte Tin		
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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 			Specify LEAD STYLE from chart (OAL) POST (0.00) .000 MIN TAIL (0.00) .000 MIN		-S = Single Row	-“XXX” = Post Height Dimension (In inches)																			
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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.