

Surface  
**SMT**  
Mount

# BOARD STACKER TW SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?TW](http://www.samtec.com?TW)

**Insulator Material:** Black Liquid Crystal Polymer FILE NO. E111594

**Terminal Material:** Phosphor Bronze

**Plating:** Sn or Au over 50µ" (1,27µm) Ni

**Current Rating:** 3A @ 80°C ambient

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

**RoHS Compliant:** Yes

### Processing:

**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x

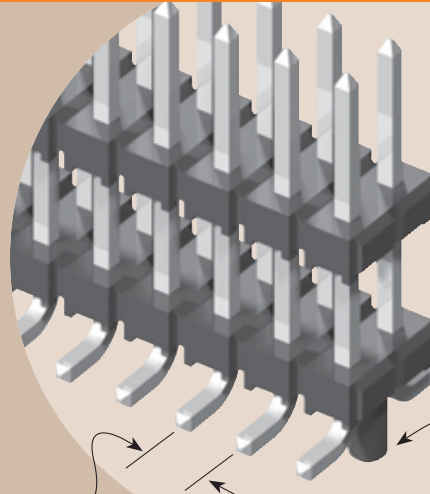
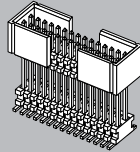
**Lead-Free Solderable:** Yes

**SMT Lead Coplanarity:** (0,15mm) .006" max

**Mates with:** CLT, SQT, SQW, ESQT, TLE SMM, MMS, TCSD

## APPLICATION SPECIFIC OPTIONS

End shrouds with or without guide posts available. Call Samtec for stacker height ranges and standard part numbers on double row.



Available with optional Pick & Place Pads

Available with optional Alignment Pins or Locking Clips

TW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	SM	OTHER OPTIONS						
	02 thru 36	Specify LEAD STYLE from chart below.	<ul style="list-style-type: none"> <li>-L = 10µ" (0,25µm) Gold post, Matte Tin on tail</li> <li>-G = 20µ" (0,51µm) Gold post, Gold flash on tail</li> <li>-T = Matte Tin</li> <li>-S = 30µ" (0,76µm) Gold post, Matte Tin on tail</li> </ul>	<ul style="list-style-type: none"> <li>-S = Single Row</li> <li>-D = Double Row</li> </ul>	<ul style="list-style-type: none"> <li>- "XXX" = Stacker Height In inches (0,13mm) .005" increments</li> <li>Example: -250 = (6,35mm) .250"</li> </ul>		<ul style="list-style-type: none"> <li>- "XXX" = Polarized Position</li> <li>-A = Alignment Pin (Metal or plastic at Samtec discretion) (4,83mm) .190" min. board space (-D only)</li> <li>-P = Pick &amp; Place Pad (1,91mm) .075" min. post height (04-36 only)</li> <li>-TR = Tape &amp; Reel Packaging (-07 lead style not available)</li> </ul>						
				<table border="1"> <thead> <tr> <th>ROW OPTION</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>-S</td> <td>(5,08) .200</td> </tr> <tr> <td>-D</td> <td>(6,35) .250</td> </tr> </tbody> </table>		ROW OPTION	A	-S	(5,08) .200	-D	(6,35) .250		
ROW OPTION	A												
-S	(5,08) .200												
-D	(6,35) .250												

**Note:** This Series is non-standard, non-returnable.

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

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