

Surface
SMT
Mount

BOARD STACKER TW SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TW

Insulator Material: Black Liquid Crystal Polymer

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

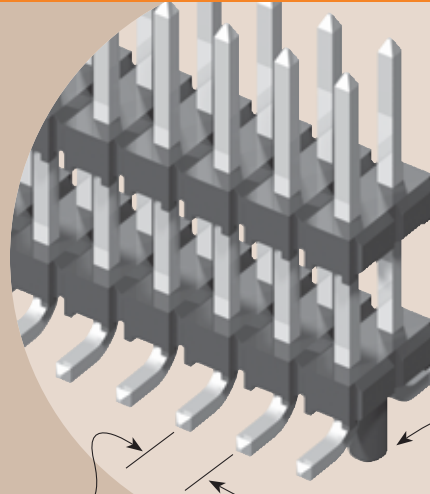
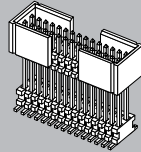
Lead-Free Solderable: Yes

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.



(2,00mm)
.0787" pitch

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"> -L = 10µ" (0,25µm) Gold post, Matte Tin on tail -G = 20µ" (0,51µm) Gold post, Gold flash on tail -T = Matte Tin -S = 30µ" (0,76µm) Gold post, Matte Tin on tail 	<ul style="list-style-type: none"> -S = Single Row -D = Double Row 	<ul style="list-style-type: none"> - "XXX" = Stacker Height In inches (0,13mm) .005" increments Example: -250 = (6,35mm) .250" 		<ul style="list-style-type: none"> - "XXX" = Polarized Position -A = Alignment Pin (Metal or plastic at Samtec discretion) (4,83mm) .190" min. board space (-D only) -P = Pick & Place Pad (1,91mm) .075" min. post height (04-36 only) -TR = Tape & Reel Packaging (-07 lead style not available) 							
<p>No. of positions x (2,00) .0787</p> <p>(2,00) .0787</p>		<p>(2,00) .0787</p> <p>(4,00) .1574</p> <p>(1,27) .050 TYP</p> <p>(0,51) .020 SQ (0,00) .000 MIN</p>		<table border="1"> <tr> <th>ROW OPTION</th> <th>A</th> </tr> <tr> <td>-S</td> <td>(5,08) .200</td> </tr> <tr> <td>-D</td> <td>(6,35) .250</td> </tr> </table>		ROW OPTION	A	-S	(5,08) .200	-D	(6,35) .250	<p>(5,33) .210</p> <p>-P OPTION</p>		
ROW OPTION	A													
-S	(5,08) .200													
-D	(6,35) .250													
<p>STACKER HEIGHT OAL (4,32) .170 MIN</p> <p>(1,50) .059</p> <p>(2,00) .0787</p>		<p>(1,27) .050</p> <p>(1,09) .043 DIA</p> <p>-A OPTION</p>												

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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