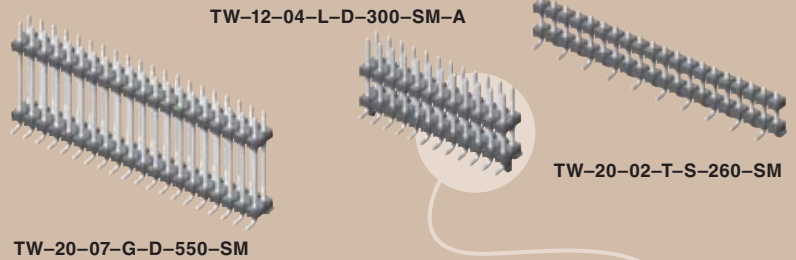




(2,00mm) .0787"

TW SERIES



# SMT BOARD STACKERS

## SPECIFICATIONS

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

Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

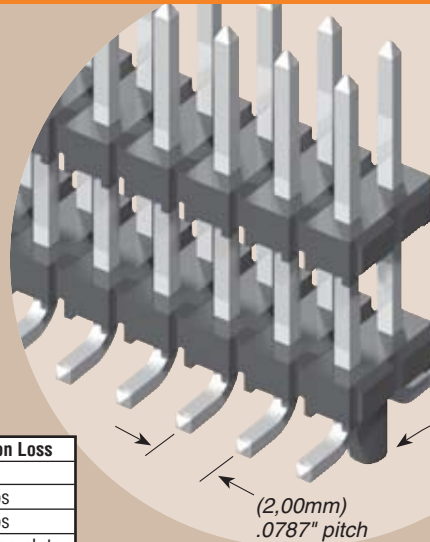
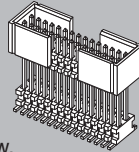
(0,15mm) .006" max



**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

2mm TW/CLT	Rated @ 3dB Insertion Loss
<b>18mm Stack Height</b>	
Single-Ended Signaling	2.5 GHz / 5.0 Gbps
Differential Pair Signaling	3.0 GHz / 6.0 Gbps

Performance data for other stack heights and complete test data available at [www.samtec.com?TW](http://www.samtec.com?TW) or contact [sig@samtec.com](mailto:sig@samtec.com)

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.	-L = 10µ" (0,25µm) Gold on post, Matte Tin on tail	-S = Single Row	- "XXX" = Stacker Height in inches (0,13mm) .005" increments Example: -250 = (6,35mm) .250"	-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)																			
			-G = 20µ" (0,51µm) Gold on post, Gold flash on tail	-D = Double Row																						
			-T = Matte Tin	<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		<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr> <td>-02</td> <td>(7,85) .309</td> </tr> <tr> <td>-03</td> <td>(11,86) .467</td> </tr> <tr> <td>-04</td> <td>(12,37) .487</td> </tr> <tr> <td>-06</td> <td>(15,37) .605</td> </tr> <tr> <td>-07</td> <td>(17,35) .683</td> </tr> <tr> <td>-09</td> <td>(9,86) .388</td> </tr> </tbody> </table>	LEAD STYLE	OAL	-02	(7,85) .309	-03	(11,86) .467	-04	(12,37) .487	-06	(15,37) .605	-07	(17,35) .683	-09	(9,86) .388
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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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