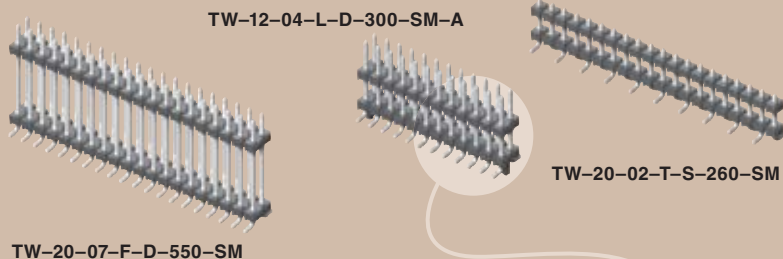


(2,00 mm) .0787"

TW SERIES



SMT BOARD STACKERS

SPECIFICATIONS

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

Insulator Material:

Black Liquid

Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over

50µ" (1,27 µm) Ni

Current Rating:

3A per contact

@ 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:

(0,15 mm) .006" max

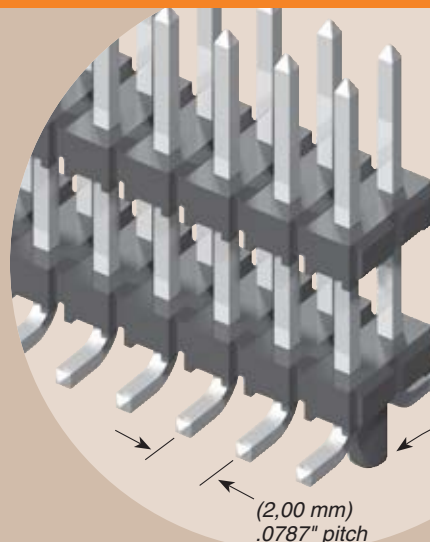
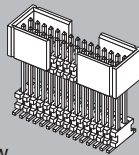


Mates with:
CLT, SQT, SQW, ESQT,
TLE, SMM, MMS, TCSD

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

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.	-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail -T = Matte Tin	-S = Single Row -D = Double Row	-“XXX” = Stacker Height in inches (0,13 mm) .005" increments Example: -250 = (6,35 mm) .250"	-“XXX” = Polarized Position -A = Alignment Pin (Metal or plastic at Samtec discretion) (4,83 mm) .190" min. board space (-D only) -P = Pick & Place Pad (1,91 mm) .075" min. post height (04-36 only) -TR = Tape & Reel Packaging (-07 lead style not available) (-06 lead style with -P option not available as a standard)																					
		Note: Other Gold plating options available. Contact Samtec.																									
		<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	<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		
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Note: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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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