



(2,00 mm) .0787"

TW-20-07-T-D-550-SM

TW-25-02-F-S-260-SM

TW-10-04-L-D-300-SM

TW SERIES

# SMT BOARD STACKERS

## SPECIFICATIONS

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

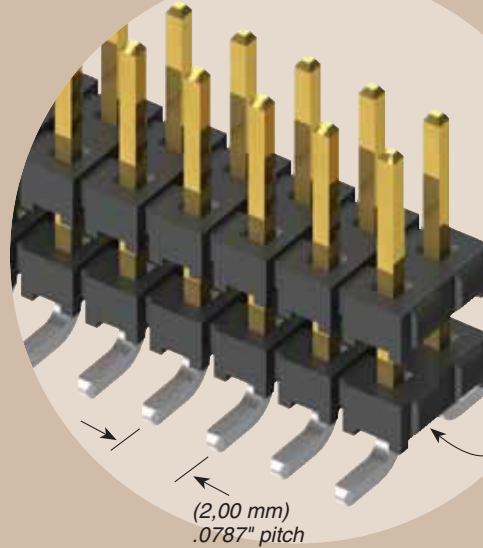
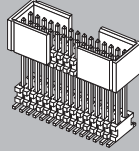
**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50µ" (1,27 µm) Ni  
**Current Rating:** 4.9 A per pin (1 pin powered per row)  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold  
**RoHS Compliant:** Yes

**Processing:**  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,15 mm) .006" max

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

## OTHER SOLUTIONS

• Stacker height ranges and standard part numbers on double row.  
 Contact Samtec



Available with optional Pick & Place Pads

Available with optional Alignment Pins

(2,00 mm) .0787" pitch

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other platings
  - End shrouds with or without guide post
- Contact Samtec.

**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](mailto:ipg@samtec.com) for more information.

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

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)

No. of positions x (2,00) .0787

36

(2,00) .0787

01

(2,00) .0787

02

(4,00) .1574

72

(1,27) .050 TYP

(0,00) .000 MIN

(0,51) .020 SQ

(1,50) .059

(2,00) .0787

STACKER HEIGHT OAL (4,32) .170 MIN

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

ROW OPTION	A
-S	(5,08) .200
-D	(6,35) .250

(5,33) .210

A

-P OPTION

(1,27) .050

(1,09) .043 DIA

-A OPTION

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

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