



(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

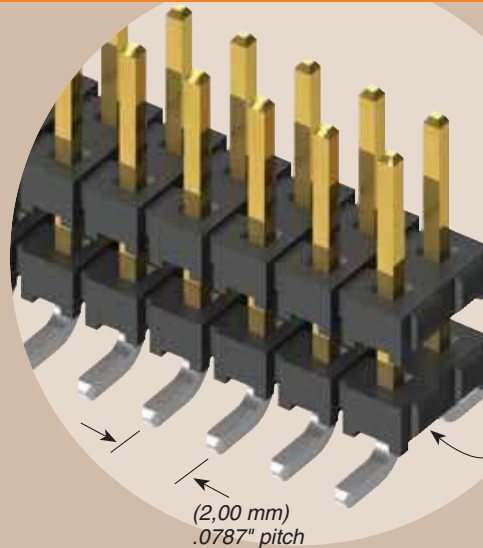
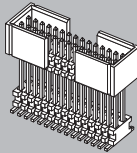
**SMT Lead Coplanarity:** (0,15 mm) .006" max

**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

## 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

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

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

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