

# FLEX STACK

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

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

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

TW SERIES

(2.00 mm) .0787"

# 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 50 μm (1.27 μm) Ni  
**Current Rating:** 4.9 A per pin (2 pins powered)  
**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\*  
 \*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

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



FILE NO. E111394

## ALSO AVAILABLE (MOQ Required)

- Other Platings
- End shrouds with or without guide post

**Notes:** 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.

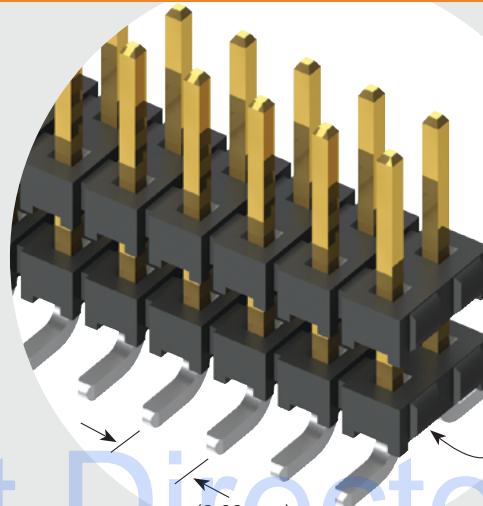
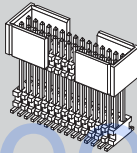
This Series is non-standard, non-returnable.

**Board Mates:** CLT, SQT, SQW, ESQT, TLE, SMM, MMS

**Cable Mates:** TCSD

## OTHER SOLUTIONS

- Stacker height ranges and standard part numbers on double row.



Available with optional pick & place pads

Available with optional alignment pins

(2.00 mm) .0787" pitch

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 = 10 μm (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)

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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.