



(2,00 mm) .0787"

TW-20-03-L-Q-400-085

TW-08-09-F-T-165-100

TW-16-06-T-D-500-100

TW SERIES

# THROUGH-HOLE BOARD STACKERS

## SPECIFICATIONS

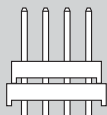
For complete specifications see [www.samtec.com?TW-TH](http://www.samtec.com?TW-TH)

**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50µ" (1,27 µm) Ni  
**Current Rating:** 5.2 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  
**Lead-Free Solderable:** Yes

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

Specify stacker height in (0,13 mm) .005" increments

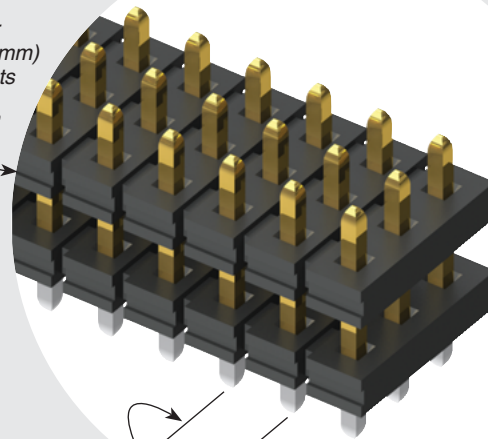
## OTHER SOLUTIONS



Paste In Hole (PIH) processing. Contact Samtec ASP Group.

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.



(2,00 mm) .0787 pitch

Choice of one through six rows

## RECOGNITIONS

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



**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.

## Other Solutions

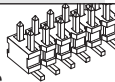
### 2 mm Shunt

See 2SN Series.



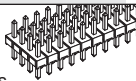
### Surface Mount

See previous page.



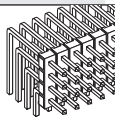
### Low Profile

See TMM Series.



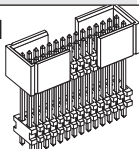
### Right Angle

See TMM Series.



### Shrouded Double Row

See ZLTMM Series.



TW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	TAIL SPEC
	02 thru 50	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 -T = Triple Row -Q = Four Row -5 = Five Row -6 = Six Row	-"XXX" = Stacker Height in inches (0,13 mm) .005" increments Example: -250 = (6,35 mm) .250"	-"XXX" = Tail Length in inches (0,13 mm) .005" increments Example: -150 = (3,81 mm) .150" -"XXX" = Polarized Position (Specify position to be removed)

LEAD STYLE	OAL
-01	(8,20) .323
-02	(9,60) .377
-03	(13,60) .535
-04	(14,10) .555
-05	(15,10) .594
-06	(17,10) .673
-07	(19,10) .751
-08	(21,10) .830
-09	(11,60) .456
-10	(15,60) .614
-11	(10,08) .397
-12	(28,19) 1.110

\* Style -08 & -12 = S & D only

ROW OPTION	STACKER HEIGHT
-S, -D*, & -Q	(3,05) .120 MIN
-T, -5, -6	(4,06) .160 MIN

\* -D with stacker height greater than (4,06 mm) .160" will not have standoffs.