

(2.00 mm) .0787"

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 50 μ" (1.27 μm) Ni

**Current Rating:** 5.2 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

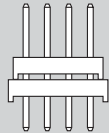
**Lead-Free Solderable:** Yes

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

**Cable Mates:** TCSD

## OTHER SOLUTIONS

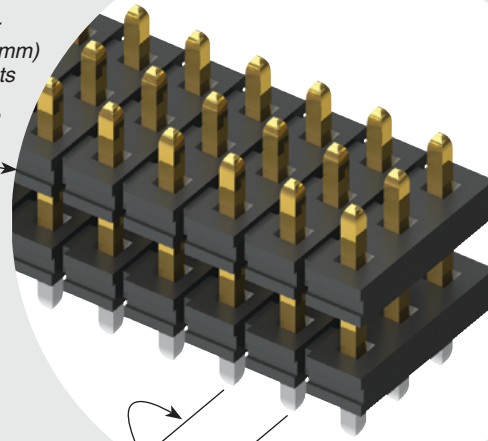


Paste In Hole (PIH) processing. Contact Samtec ASP Group.

## ALSO AVAILABLE (MOQ Required)

- Other platings

Specify stacker height in (0.13 mm) .005" increments



(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)



**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.

## Other Solutions

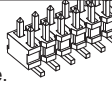
### 2 mm Shunt

See 2SN Series.



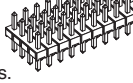
### Surface Mount

See previous page.



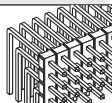
### Low Profile

See TMM Series.



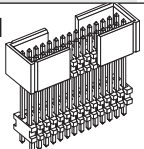
### Right-angle

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<br>-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail<br>-T = Matte Tin | -S = Single Row<br>-D = Double Row<br>-T = Triple Row<br>-Q = Four Row<br>-5 = Five Row<br>-6 = Six Row | -"XXX"<br>= Stacker Height in inches (0.13 mm) .005" increments<br>Example: -250 = (6.35 mm) .250" | -"XXX"<br>= Tail Length in inches (0.13 mm) .005" increments<br>Example: -150 = (3.81 mm) .150"<br>-"XXX"<br>= 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.

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