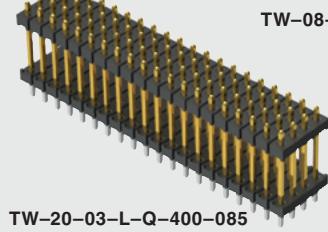


(2.00 mm) .0787"



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

Insulator Material: Black Liquid Crystal Polymer

Terminal Material: Phosphor Bronze

Plating: Sn or Au over

50 μ " (1.27 μ m) 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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



Notes:

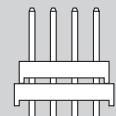
For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

This Series is non-standard, non-returnable.

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

Cable Mates:
TCSD

OTHER SOLUTIONS



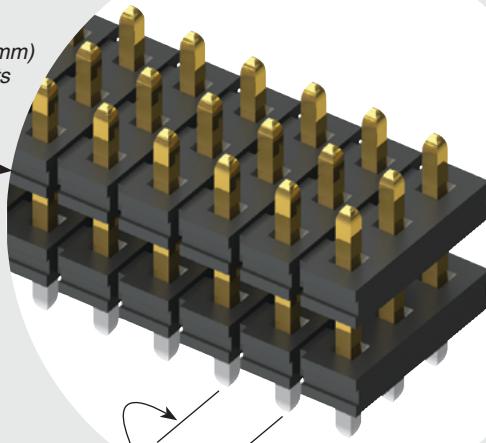
Paste In Hole (PIH) processing.
Contact Samtec ASP Group.

ALSO AVAILABLE

(MOQ Required)

- Other platings

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



Choice of one through six rows

(2.00 mm) .0787 pitch

Other Solutions

2 mm Shunt



See 2SN Series.

Surface Mount



See previous page.

Low Profile



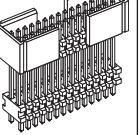
See TMM Series.

Right-angle



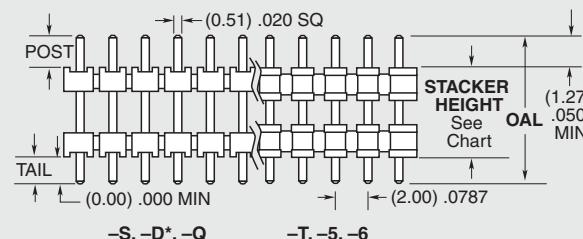
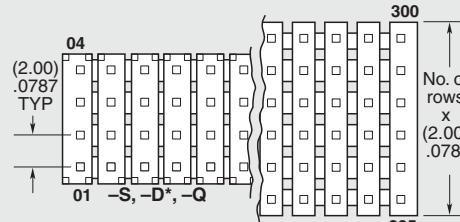
See TMM Series.

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 = 10 μ " (0.25 μ m) 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	
					ROW OPTION STACKER HEIGHT	
					-S, -D*, & -Q (3.05) .120 MIN -T, -5, -6 (4.06) .160 MIN	



ROW OPTION	STACKER HEIGHT
-S, -D*, & -Q	(3.05) .120 MIN
-T, -5, -6	(4.06) .160 MIN

* Style -08 & -12 = S & D only
* -D with stacker height greater than (4.06 mm) .160" will not have standoffs.

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

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.

Mouser Electronics

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