

(2.00 mm) .0787"

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 μm (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

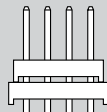
Lead-Free Solderable: Yes

Yes

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

Cable Mates: TCSD

OTHER SOLUTIONS



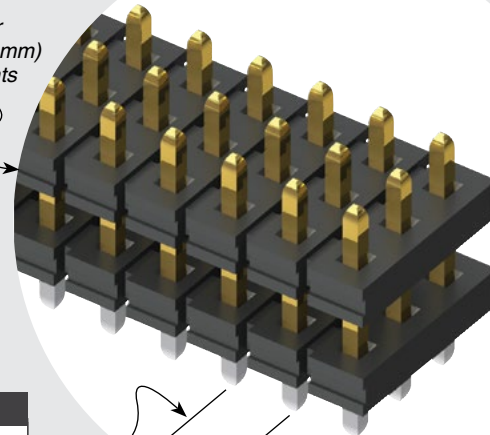
Paste In Hole (PIH) processing. Contact Samtec ASP Group.

HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

CLT or MMS	SQT
8	4
G b p s	G b p s

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



Choice of one through six rows

ALSO AVAILABLE (MOQ Required)

- Other platings

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.

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 μm (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)

(2.00) .0787 TYP

No. of rows x (2.00) .0787

(0.51) .020 SQ
POST
TAIL (0.00) .000 MIN
STACKER HEIGHT See Chart
OAL (1.27) .050 MIN
(2.00) .0787

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.

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