



(2.00 mm) .0787"

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

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

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

TW SERIES

SMT BOARD STACKERS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TW-SM

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ " (1.27 μ m) Ni

Current Rating:

4.9 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

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max

RECOGNITIONS

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



FILE NO. E111594

FILE NO. 090871_0_000

ALSO AVAILABLE (MOQ Required)

- Other platings
 - End shrouds with or without guide post
- Contact Samtec.

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 for more information.

Note: This Series is non-standard, non-returnable.

Board Mates:

CLT, SQT, SQW, ESQT, TLE, SMM, MMS

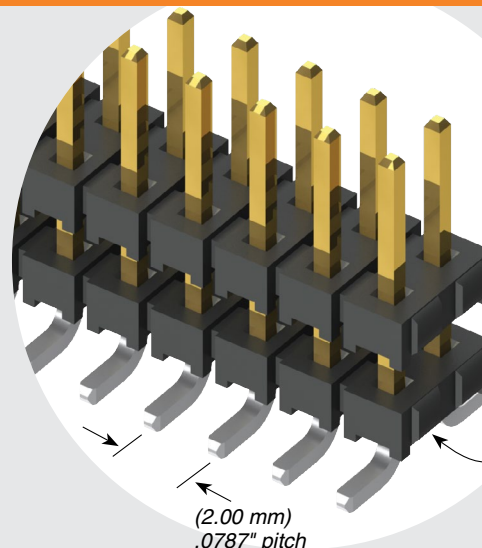
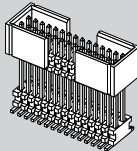
Cable Mates:

TCSD

OTHER SOLUTIONS

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

Contact Samtec



Available with optional pick & place pads

Available with optional alignment pins

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 μ" (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)

Diagram showing dimensions for a stacker connector with 36 positions.

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

Diagram showing dimensions for a stacker connector with 01 position.

ROW OPTION	A
—S	(5.08) .200
—D	(6.35) .250

Diagram showing dimensions for a stacker connector with 01 position.