



(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

50µ" (1,27 µm) 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

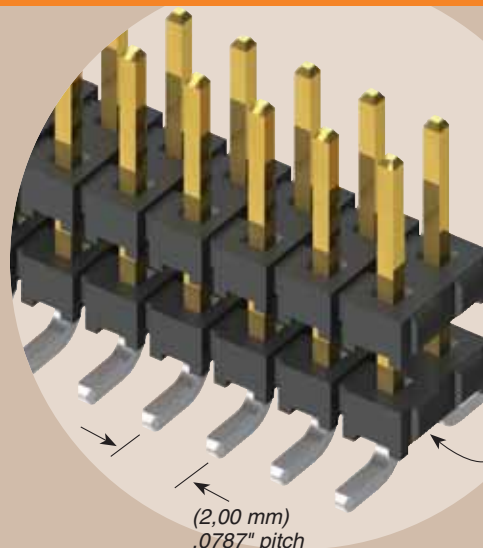
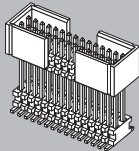
Mates with:

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

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.

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 = 10µ" (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)	

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

ROW OPTION	A
—S	(5,08) .200
—D	(6,35) .250

—P OPTION

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

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