

FLEX STACK

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

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

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

TW SERIES

(2.00 mm) .0787"

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 μm (1.27 μm) Ni

Current Rating:
4.9 A per pin
(2 pins powered)

Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

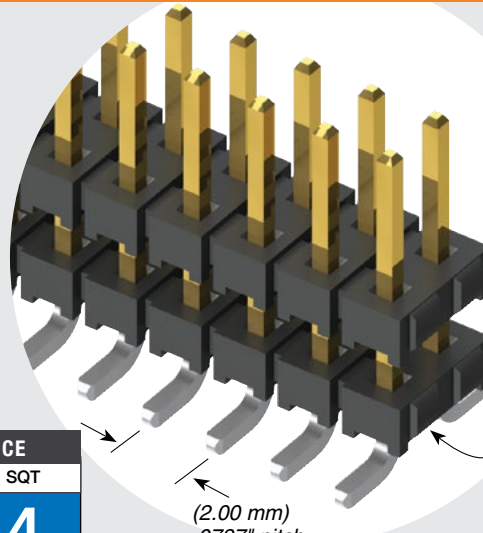
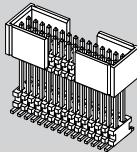
RoHS Compliant:
Yes

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

Cable Mates:
TCSD

OTHER SOLUTIONS

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



Available with optional pick & place pads

Available with optional alignment pins

(2.00 mm) .0787" pitch

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

PROCESSING

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



FILE NO. E111394

ALSO AVAILABLE (MOQ Required)

- Other Platings
- End shrouds with or without guide post

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.

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 μm (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	ROW OPTION	A
-02	(7.85) .309	-S	(5.08) .200
-03	(11.86) .467	-D	(6.35) .250
-04	(12.37) .487		
-06	(15.37) .605		
-07	(17.35) .683		
-09	(9.86) .388		

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[TW-03-09-G-D-215-SM-A-TR](#) [TW-04-02-L-D-231-SM-TR](#) [TW-04-02-L-S-177-SM-P](#) [TW-02-03-SM-D-335-SM-A](#) [TW-02-06-L-D-315-SM](#) [TW-02-07-G-D-475-SM](#) [TW-02-07-G-D-573-SM](#) [TW-02-09-G-D-225-SM-A](#) [TW-03-02-L-D-215-SM](#) [TW-03-03-L-S-450-SM](#) [TW-10-03-S-D-190-SM-A-P](#) [TW-10-03-T-D-196-SM-A](#) [TW-10-04-L-D-290-SM-A](#) [TW-10-04-L-D-355-SM-P-TR](#) [TW-10-04-T-D-354-SM-A-P-TR](#) [TW-10-06-L-D-290-SM-A](#) [TW-10-06-L-D-600-SM](#) [TW-06-03-F-D-200-SM](#) [TW-06-04-F-D-275-SM-A-TR](#) [TW-06-06-F-D-350-SM-TR](#) [TW-06-07-F-D-250-SM-A](#) [TW-06-07-F-D-570-SM-P](#) [TW-06-09-G-D-170-SM-P-TR](#) [TW-06-09-L-D-205-SM](#) [TW-07-03-L-D-230-SM-P-TR](#) [TW-02-06-L-D-400-SM](#) [TW-10-09-G-D-252-SM-A](#) [TW-11-03-L-D-290-SM-A-P](#) [TW-12-03-L-D-320-SM-001](#) [TW-03-02-G-D-210-SM-A](#) [TW-03-02-T-S-250-SM](#) [TW-03-03-L-D-320-SM-A-TR](#) [TW-03-07-S-D-270-SM](#) [TW-03-07-T-S-450-SM](#) [TW-03-09-G-D-240-SM](#) [TW-03-09-L-D-256-SM-A](#) [TW-03-09-S-D-170-SM](#) [TW-04-02-L-D-175-SM](#) [TW-02-06-L-D-250-SM](#) [TW-02-06-L-D-315-SM-TR](#) [TW-02-06-T-D-250-SM](#) [TW-02-09-L-D-250-SM](#) [TW-03-02-L-D-210-SM-A](#) [TW-03-02-L-D-220-SM-A](#) [TW-03-02-S-D-200-SM](#) [TW-03-04-G-D-410-SM-A](#) [TW-03-04-S-D-360-SM](#) [TW-03-06-L-D-190-SM-A](#) [TW-03-06-T-D-430-SM-A](#) [TW-03-09-G-D-210-SM](#) [TW-03-09-L-D-255-SM-A](#) [TW-03-09-T-D-260-SM](#) [TW-04-02-L-D-190-SM](#) [TW-04-02-S-D-195-SM](#) [TW-04-02-T-S-170-SM](#) [TW-04-02-T-S-260-SM](#) [TW-02-07-L-D-515-SM-A](#) [TW-03-04-L-D-375-SM-A](#) [TW-03-04-SM-D-250-SM](#) [TW-03-06-L-D-490-SM](#) [TW-03-07-S-D-430-SM-A](#) [TW-03-07-T-D-400-SM](#) [TW-04-02-G-D-170-SM-TR](#) [TW-11-02-F-D-190-SM-A](#) [TW-11-03-G-D-290-SM](#) [TW-11-07-G-D-250-SM](#) [TW-02-02-T-D-185-SM-TR](#) [TW-10-06-T-S-390-SM-P-TR](#) [TW-10-07-T-D-192-SM-A](#) [TW-10-09-S-D-250-SM-P](#) [TW-11-03-G-D-300-SM-A-P](#) [TW-12-03-G-D-215-SM-A-P](#) [TW-12-03-L-D-250-SM-A-P-TR](#) [TW-12-03-L-D-274-SM-A-P-TR](#) [TW-12-04-G-D-300-SM-P-TR](#) [TW-06-06-H-D-400-SM-A-P-TR](#) [TW-06-06-T-D-410-SM](#) [TW-06-07-F-D-540-SM-A-P](#) [TW-06-09-F-D-170-SM-P](#) [TW-07-03-L-D-275-SM-A-P](#) [TW-12-04-G-D-340-SM-A-P-TR](#) [TW-12-04-G-D-366-SM-A-P-TR](#) [TW-12-04-L-D-350-SM-A](#) [TW-12-06-L-D-450-SM-P](#) [TW-02-02-F-D-170-SM](#) [TW-02-02-G-D-190-SM-A](#) [TW-02-02-G-D-190-SM-A-001](#) [TW-02-02-T-D-235-SM-A-TR](#) [TW-02-04-G-D-263-SM-A-TR](#) [TW-12-09-G-D-211-SM-A](#) [TW-02-02-L-D-180-SM](#) [TW-02-02-L-D-215-SM-A](#) [TW-02-03-G-D-190-SM-A](#) [TW-02-03-L-D-285-SM-A-TR](#) [TW-02-03-TM-D-335-SM-A-TR](#) [TW-02-06-G-D-525-SM](#) [TW-02-07-G-D-450-SM-A](#) [TW-03-02-L-D-180-SM](#) [TW-03-02-L-D-250-SM-TR](#) [TW-06-03-F-D-200-SM-P](#)