

**FLEX
STACK**

(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

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
(2 pins powered)
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

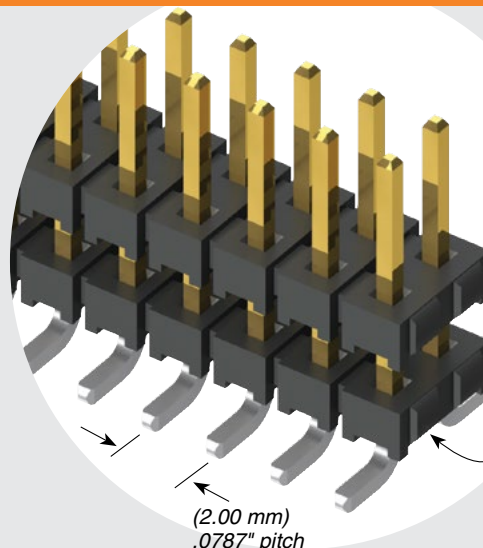
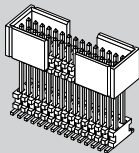


Board Mates:
CLT, SQT, SQW, ESQT,
TLE, SMM, MMS

Cable Mates:
TCSD

OTHER SOLUTIONS

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



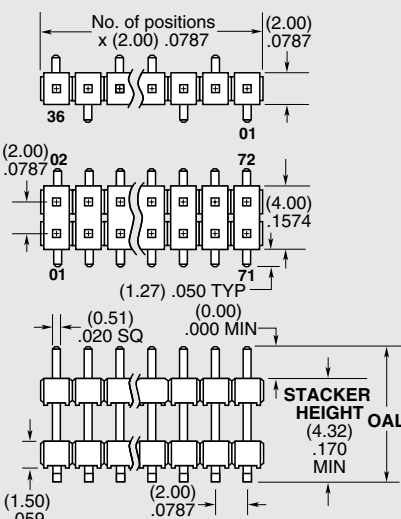
ALSO AVAILABLE (MOQ Required)

- Other platings
- End shrouds with or without guide post

Note: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors.

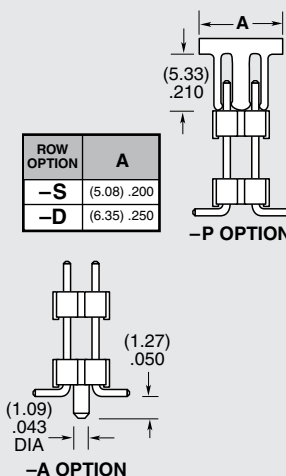
Note: This Series is non-standard, non-returnable.

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.	<p>—F = Gold flash on post, Matte Tin on tail</p> <p>—L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p> <p>—T = Matte Tin</p>	<p>—S = Single Row</p> <p>—D = Double Row</p>	<p>—“XXX” = Stacker Height in inches (0.13 mm) .005" increments</p> <p>Example: —250 = (6.35 mm) .250"</p>		<p>—“XXX” = Polarized Position</p> <p>—A = Alignment Pin (Metal or plastic at Samtec discretion) (4.83 mm) .190" min. board space (—D only)</p> <p>—P = Pick & Place Pad (1.91 mm) .075" min. post height (04-36 only)</p> <p>—TR = Tape & Reel Packaging (—07 lead style not available) (—06 lead style with —P option not available as a standard)</p>



STACKER HEIGHT OAL (4.32) .170 MIN

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



—P OPTION

—A OPTION

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

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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.