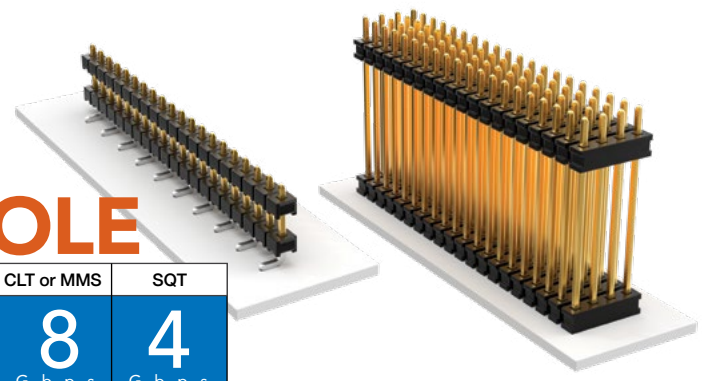


# SMT & THROUGH-HOLE BOARD STACKERS

(2.00 mm) .0787" PITCH • TW SERIES

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



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

**Cable Mates:**  
 TCS D

## SPECIFICATIONS

**Insulator Material:**  
 Black Liquid Crystal Polymer  
**Terminal Material:**  
 Phosphor Bronze  
**Plating:**  
 Sn or Au over  
 50 μ" (1.27 μm) Ni  
**Current Rating:**  
 TW-SM = 4.9 A per pin  
 (2 pins powered)  
 TW-TH = 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

## PROCESSING

**Lead-Free Solderable:**  
 Yes  
**SMT Lead Coplanarity:**  
 (0.15 mm) .006" max\*  
 \*(.004" stencil solution  
 may be available; contact  
 ipg@samtec.com)

## 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 OPTION																				
	02 thru 36	Specify LEAD STYLE from chart	-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)  - "X"R = Specify "T" for Tape & Reel Specify "F" for Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-07 lead style N/A) (-06 lead style with -P option N/A as standard)																				
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	02 thru 50	Specify LEAD STYLE from chart	-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  -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)																										
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