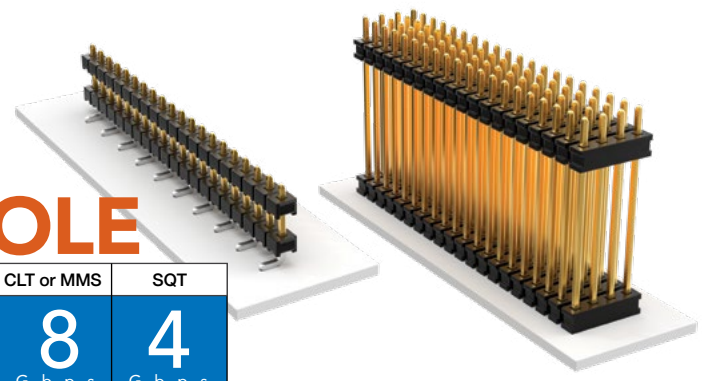


SMT & THROUGH-HOLE BOARD STACKERS

(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)																						
<p>No. of positions x (2.00) .0787</p>		<p>(2.00) .0787</p> <p>(4.00) .1574</p> <p>(1.27) .050</p> <p>(0.00) .000 MIN</p> <p>STACKER HEIGHT (4.32) .170 MIN</p> <p>OAL</p>		<table border="1"> <thead> <tr> <th>ROW OPTION</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>-S</td> <td>(5.08) .200</td> </tr> <tr> <td>-D</td> <td>(6.35) .250</td> </tr> </tbody> </table>		ROW OPTION	A	-S	(5.08) .200	-D	(6.35) .250	<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr> <td>-02</td> <td>(7.85) .309</td> </tr> <tr> <td>-03</td> <td>(11.86) .467</td> </tr> <tr> <td>-04</td> <td>(12.37) .487</td> </tr> <tr> <td>-06</td> <td>(15.37) .605</td> </tr> <tr> <td>-07</td> <td>(17.35) .683</td> </tr> <tr> <td>-09</td> <td>(9.86) .388</td> </tr> </tbody> </table>		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>-A OPTION</p> <p>-P OPTION</p>	
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*-D with stacker height greater than (4.06 mm) .160" will not have standoffs.
 *Style -08 & -12 = S & D only

Mouser Electronics

Authorized Distributor

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