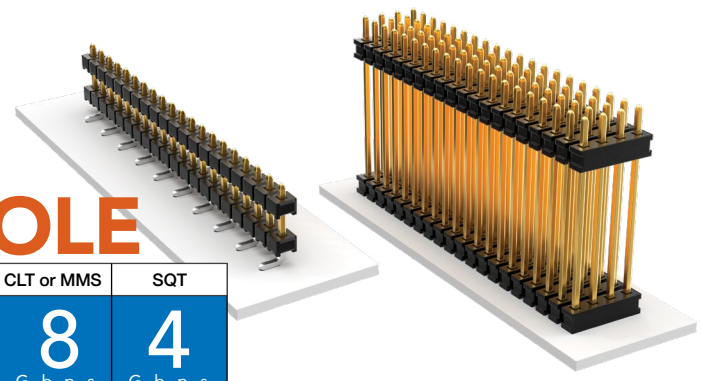


SMT & THROUGH-HOLE BOARD STACKERS

(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)																						
		<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	<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				
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																												

TW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	TAIL SPEC																																			
	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)																																			
		<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr><td>-01</td><td>(8.20) .323</td></tr> <tr><td>-02</td><td>(9.60) .377</td></tr> <tr><td>-03</td><td>(13.60) .535</td></tr> <tr><td>-04</td><td>(14.10) .555</td></tr> <tr><td>-05</td><td>(15.10) .594</td></tr> <tr><td>-06</td><td>(17.10) .673</td></tr> <tr><td>-07</td><td>(19.10) .751</td></tr> <tr><td>-08*</td><td>(21.10) .830</td></tr> <tr><td>-09</td><td>(11.60) .456</td></tr> <tr><td>-10</td><td>(15.60) .614</td></tr> <tr><td>-11</td><td>(10.08) .397</td></tr> <tr><td>-12*</td><td>(28.19) 1.110</td></tr> </tbody> </table>		LEAD STYLE	OAL	-01	(8.20) .323	-02	(9.60) .377	-03	(13.60) .535	-04	(14.10) .555	-05	(15.10) .594	-06	(17.10) .673	-07	(19.10) .751	-08*	(21.10) .830	-09	(11.60) .456	-10	(15.60) .614	-11	(10.08) .397	-12*	(28.19) 1.110	<table border="1"> <thead> <tr> <th>ROW OPTION</th> <th>STACKER HEIGHT</th> </tr> </thead> <tbody> <tr><td>-S, -D*, -Q</td><td>(3.05) .120 MIN</td></tr> <tr><td>-T, -5, -6</td><td>(4.06) .160 MIN</td></tr> </tbody> </table>		ROW OPTION	STACKER HEIGHT	-S, -D*, -Q	(3.05) .120 MIN	-T, -5, -6	(4.06) .160 MIN	<p>*-D with stacker height greater than (4.06 mm) .160" will not have standoffs.</p>		<p>*Style -08 & -12 = S & D only</p>	
LEAD STYLE	OAL																																								
-01	(8.20) .323																																								
-02	(9.60) .377																																								
-03	(13.60) .535																																								
-04	(14.10) .555																																								
-05	(15.10) .594																																								
-06	(17.10) .673																																								
-07	(19.10) .751																																								
-08*	(21.10) .830																																								
-09	(11.60) .456																																								
-10	(15.60) .614																																								
-11	(10.08) .397																																								
-12*	(28.19) 1.110																																								
ROW OPTION	STACKER HEIGHT																																								
-S, -D*, -Q	(3.05) .120 MIN																																								
-T, -5, -6	(4.06) .160 MIN																																								

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [FCN-214Q030-G/0](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [2-22603-0](#) [MDF7-40DP-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#) [MIT-114-03-F-D-K](#) [55323-1519](#) [DF33-2P-3.3DSA\(24\)](#) [YFT-20-05-H-03-SB-K](#) [503308-3040](#) [026-6203-PDB](#) [027-6203-PDB](#) [069159702701000](#) [10123981-102LF](#) [101A10019X](#) [55650-0588-C](#) [68684-306](#) [75140-7012](#) [194261-1](#) [FCN-268F024-G0D](#) [10124054-515LF](#) [68685-603](#) [8-1616154-3](#) [MIS-019-01-F-D](#) [541371078](#) [IL-WX-10PB-HF-B-E1000E](#) [FCN-268M024-G/3D](#) [20021832-06016C1LF](#) [KX15-20KLDL-E1000E](#) [MDF7-16DP-2.54DSA\(55\)](#) [AXE810124](#) [FCN-214J100-G/0](#) [FCN-230C068-E/S](#) [AXE812124](#) [AXE816124](#) [AXE720127](#)