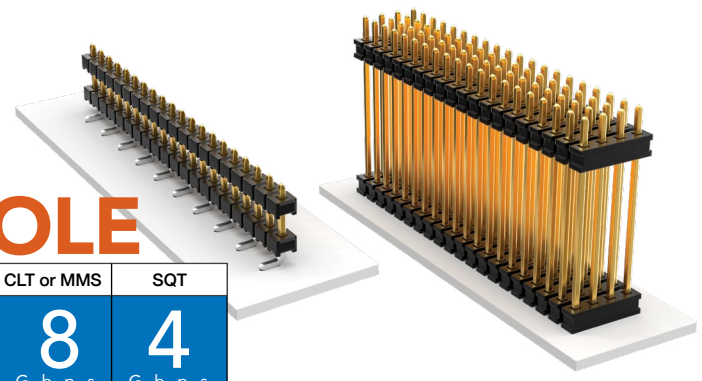


SMT & THROUGH-HOLE BOARD STACKERS

(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:

TCSD

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)

| 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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| LEAD STYLE | OAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| -07 | (17.35) .683 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -09 | (9.86) .388 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROW OPTION | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -S | (5.08) .200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -D | (6.35) .250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALSO AVAILABLE

MOQ Required

Other Platings

End shrouds with or without guide post

| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LEAD STYLE | OAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -01 | (8.20) .323 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -02 | (9.60) .377 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -03 | (13.60) .535 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -04 | (14.10) .555 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| -08* | (21.10) .830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -09 | (11.60) .456 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ROW OPTION | STACKER HEIGHT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -S, -D*, -Q | (3.05) .120 MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -T, -5, -6 | (4.06) .160 MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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.

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