TOBY
THE VITAL COMPONENT

FLEX **X Y Z Z** ™

(2.00 mm) .0787"

TW-08-09-F-T-165-100

TW-16-06-T-D-500-100

TW-20-03-L-Q-400-085

TW SERIES

THROUGH-HOLE BOARD STACKERS

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 µ" (1.27 µm) Ni
Current Rating:
5.2 A per pin
(1 pin powered per row)
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
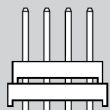**RoHS Compliant:**
Yes
Lead–Free Solderable:
Yes

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

Cable Mates:
TCSD

Specify stacker height in (0.13 mm) .005" increments

OTHER SOLUTIONS

Paste In Hole (PIH) processing. Contact Samtec ASP Group.

ALSO AVAILABLE
(MOQ Required)

• Other platings
Contact Samtec.

Choice of one through six rows

(2.00 mm) .0787 pitch

RECOGNITIONS

UL
FILE NO. E111594

CSA
FILE NO: 090871_0_000

Note: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact askjim@toby.co.uk for more information.

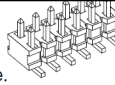**Note:** This Series is non-standard, non-returnable.
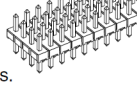
Other Solutions

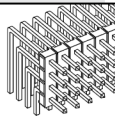**2 mm Shunt**
See 2SN Series.

Surface Mount
See previous page.
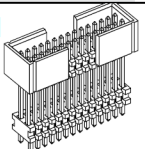
Low Profile
See TMM Series.

Right-angle
See TMM Series.

Shrouded Double Row
See ZLTMM Series.

TW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	TAIL SPEC

| | **02 thru 50** | **Specify LEAD STYLE from chart below.** | **–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) |

04

(2.00) .0787 TYP

01 –S, –D*, –Q

300

No. of rows x (2.00) .0787

–T, –5, –6 295

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

* Style –08 & –12 = S & D only

(0.51) .020 SQ

POST

STACKER HEIGHT See Chart

OAL

(1.27) .050 MIN

TAIL

(0.00) .000 MIN   (2.00) .0787

–S, –D*, –Q   –T, –5, –6

ROW OPTION	STACKER HEIGHT
–S, –D*, & –Q	(3.05) .120 MIN
–T, –5, –6	(4.06) .160 MIN

*–D with stacker height greater than (4.06 mm) .160" will not have standoffs.

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