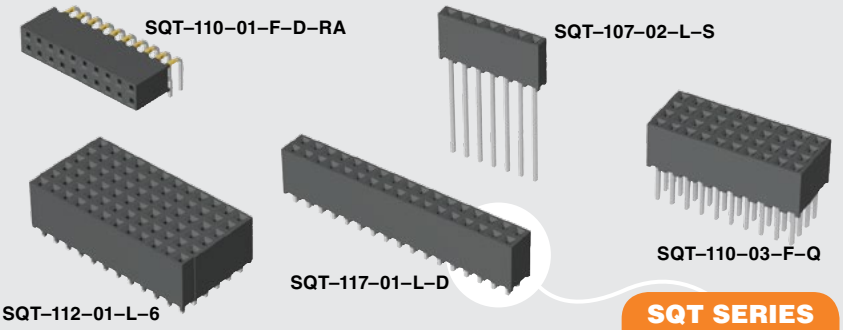
samtec




**(2.00 mm) .0787"**

**SQT SERIES**

# COST-EFFECTIVE RUGGED SOCKETS

## SPECIFICATIONS

For complete specifications see www.samtec.com?SQT

**Insulator Material:**
Black Liquid Crystal Polymer
**Contact Material:**
Phosphor Bronze
**Plating:**
Sn or Au over 50 µ" (1.27 µm) Ni
**Current Rating (TMMH/SQT):**
5.1 A per pin
(2 pins powered)
**Voltage Rating:**
281 VAC mated with TMM;
250 VAC mated with TMMH
**Operating Temp Range:**
-55 °C to +125 °C
**Insertion Depth:**
(2.62 mm) .103" to
(5.03 mm) .198"
**Normal Force:**
60 grams (0.59 N) average
**Max Cycles:**
100 with 10 µ" (0.25 µm) Au
**RoHS Compliant:**
Yes
**Lead–Free Solderable:**
Yes

## RECOGNITIONS

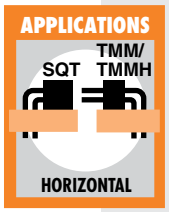
For complete scope of recognitions see www.samtec.com/quality

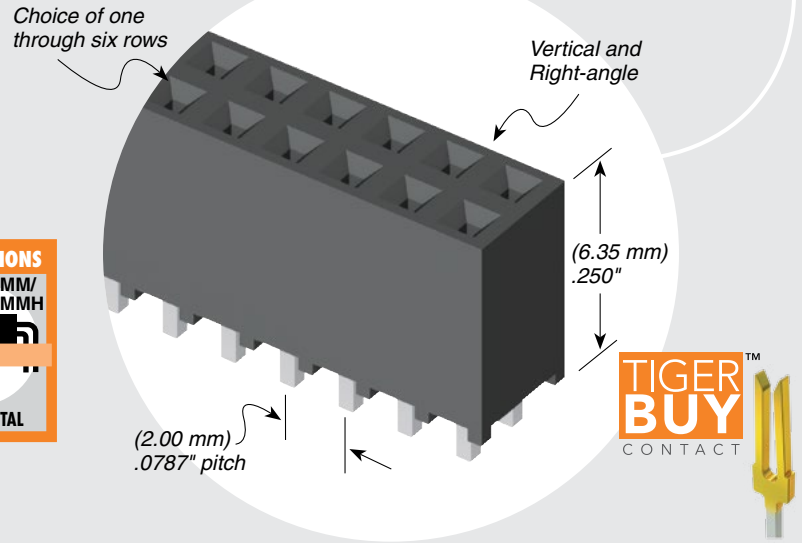
FILE NO. E111594

**Note:**
Some lengths, styles and options are non-standard, non-returnable.

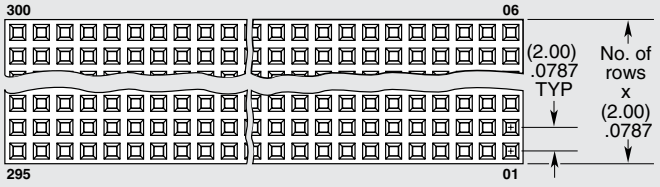
**Board Mates:**
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, ESQT, PTT, TSH

**Cable Mates:**
TCMD

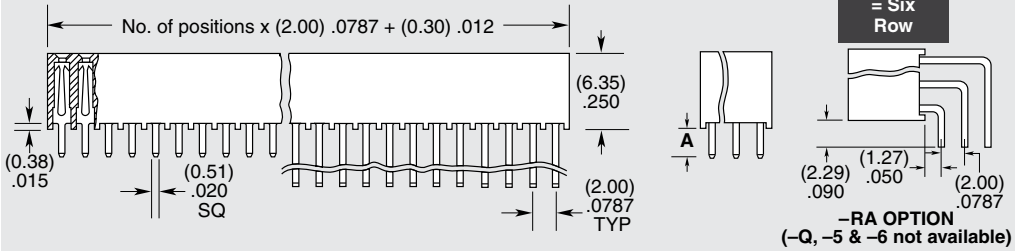



| SQT | – 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | OTHER OPTION |
|---|---|---|---|---|---|---|
| | | 02 thru 50 | Specify LEAD STYLE from chart | –F = Gold flash on contact, Matte Tin on tail<br>–L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail | –S = Single Row<br>–D = Double Row<br>–T = Triple Row<br>–Q = Four Row<br>–5 = Five Row<br>–6 = Six Row | –RA = Right-angle (–Q, –5 & –6 Row not available) (Lead Style –01 only)<br>–"XXX" = Polarized Position (Indicate position number) |




| LEAD STYLE | A |
|---|---|
| –01 | (2.29) .090 |
| –02 | (15.24) .600 |
| –03 | (5.28) .208 |




## Other Solutions

**Elevated**
See ESQT Series.

**Surface Mount**
See SQW and TLE Series.

**Low Profile**
See CLT Series.

**High Reliability**
See SMM Series.

**Press-Fit**
See PTF Series.