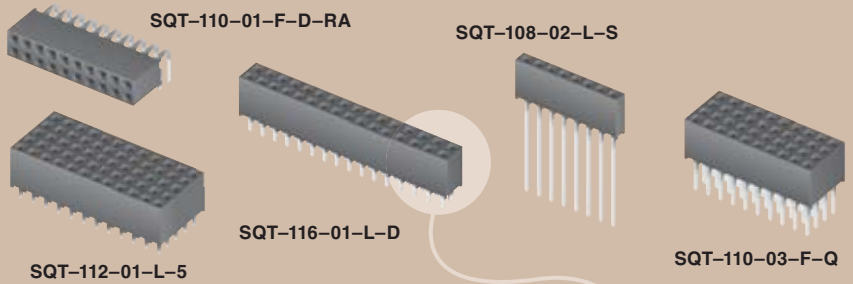




(2,00 mm) .0787"

SQT SERIES



# COST-EFFECTIVE RUGGED SOCKETS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SQT](http://www.samtec.com?SQT)

**Insulator Material:**

Black Liquid Crystal Polymer

**Contact Material:**

Phosphor Bronze

**Plating:**

Sn or Au over 50µ" (1,27 µm) Ni

**Voltage Rating:**

450 VAC mated with TMM or TMMH

**Operating Temp Range:**

-55°C to +125°C

**Contact Resistance:**

10 mΩ

**Insertion Depth:**

(2,62 mm) .103" to (5,03 mm) .198"

**Insertion Force:**

(Single contact only) 4 oz (1,11 N) average

**Normal Force:**

60 grams (0,59 N) average

**Withdrawal Force:**

(Single contact only) 3 oz (0,83 N) average

**Max Cycles:**

100 with 10µ" (0,25 µm) Au

**RoHS Compliant:**

Yes

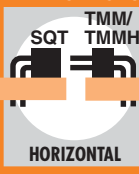
**Lead-Free Solderable:**

Yes



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

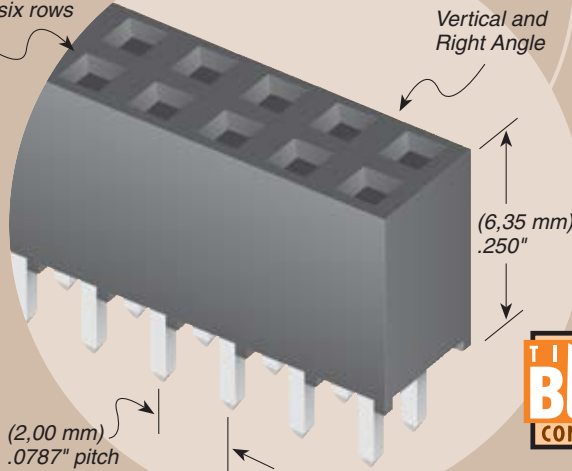
**APPLICATIONS**



CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	Mated with TMM
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

Choice of one through six rows

Vertical and Right Angle



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

## Also Available

- 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.

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 -L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-S = Single Row -D = Double Row -T = Triple Row -Q = Four Row -5 = Five Row -6 = Six Row	-RA = Right Angle (-Q, -5 & -6 Row not available) (Lead Style -01 only) -"XXX" = Polarized Position (Indicate position number)

LEAD STYLE	A
-01	(2,29) .090
-02	(15,24) .600
-03	(5,28) .208

No. of positions x (2,00) .0787 + (0,30) .012

(0,38) .015    (2,00) .0787 TYP

(6,35) .250

(1,27) .050    (2,00) .0787

-RA OPTION (-Q, -5 & -6 not available)

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

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