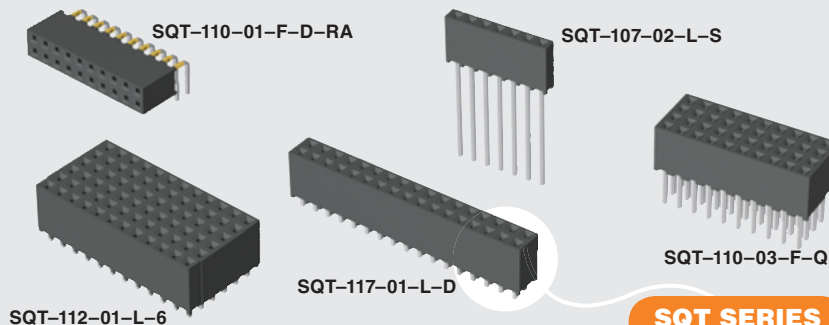




(2,00 mm) .0787"

**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 50µ" (1,27 µm) Ni

Current Rating (TMMH/SQT):

5.1 A per pin
(1 pin powered per row)

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:

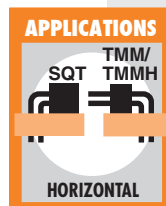
100 with 10µ" (0,25 µm) Au

RoHS Compliant: Yes

Lead-Free Solderable: Yes

Mates with:

TMMH, TMM, MTMM,
MMT, TW, LTMM, ZLTMM,
ESQT, TCMD, PTT, TSH



Choice of one
through six rows

Vertical and
Right Angle

(2,00 mm)
.0787" pitch

(6,35 mm)
.250"



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

RECOGNITIONS

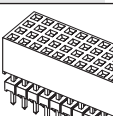
For complete scope
of recognitions see
www.samtec.com/quality



Other Solutions

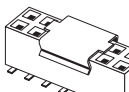
Elevated

See ESQT Series.



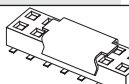
Surface Mount

See SQW and
TLE Series.



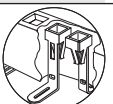
Low Profile

See CLT Series.



High Reliability

See SMM Series.



Press Fit

See PTF Series.



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

(0,51) .020 SQ

(2,00) .0787 TYP

(6,35) .250

(1,27) .050

(2,29) .090

(2,00) .0787

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