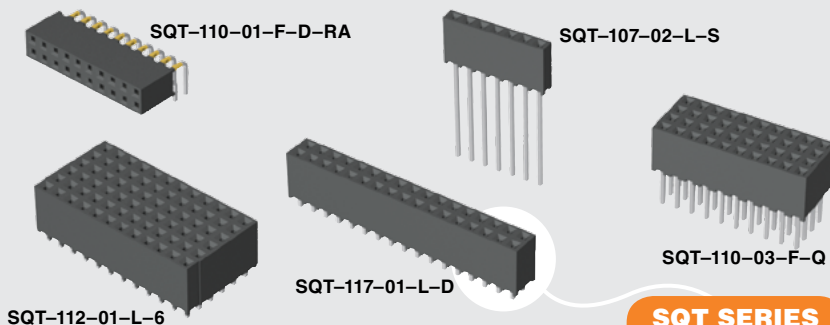




(2.00 mm) .0787"

**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 μ m) Ni

Current Rating (TMMH/SQT):

5.1 A per pin
(1 pin powered per row)

Voltage Rating:

281 VAC mated with TMM;

250 VAC mated with TMMH

Operating Temp Range:

-55 °C to +125 °C

Contact Resistance:

10 m Ω

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 μ m) Au

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

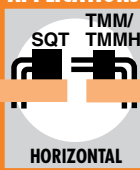
Board Mates:

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

Cable Mates:

TCMD

APPLICATIONS



Choice of one
through six rows

Vertical and
Right-angle

(2.00 mm)
.0787" pitch

(6.35 mm)
.250"



RECOGNITIONS

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

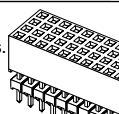


Note: Some lengths, styles
and options are non-standard,
non-returnable.

Other Solutions

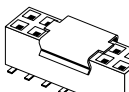
Elevated

See ESQT Series.



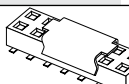
Surface

Mount
See SQW and
TLE Series.



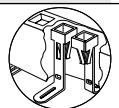
Low Profile

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 = 10 μ" (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)