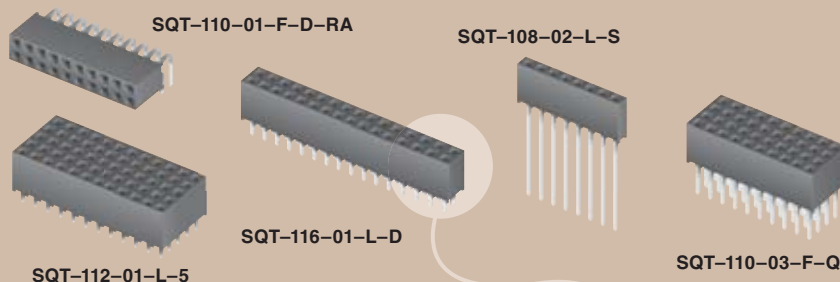




(2,00 mm) .0787"

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

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:

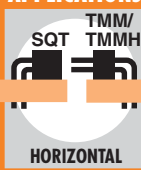
Yes



Mates with:

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

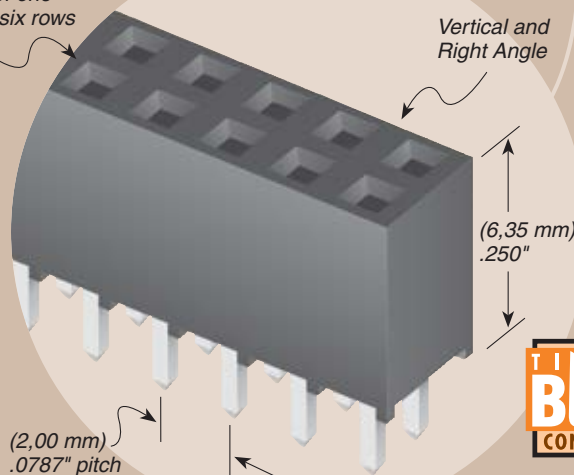
APPLICATIONS



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

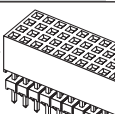
Vertical and
Right Angle



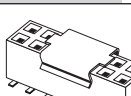
Note: Some lengths, styles and options are non-standard, non-returnable.

Also Available

Elevated
See ESQT Series.



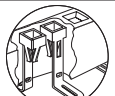
Surface Mount
See SQW and TLE Series.



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

(6,35) .250

(0,38) .015

(2,00) .0787 TYP

(1,27) .050

(2,29) .090

(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.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683