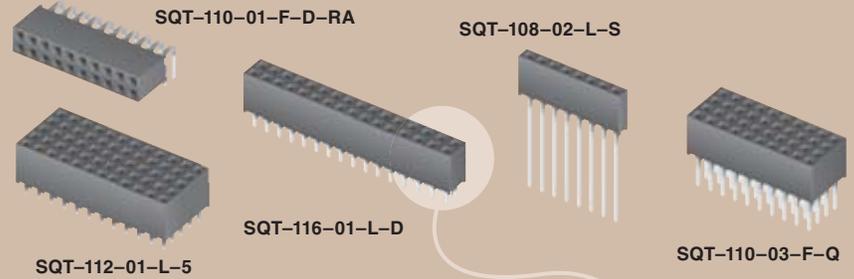




(2,00mm) .0787"

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" (1,27µm) Ni

Voltage Rating:

450 VAC mated with TMM or TMMH

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ max

Insertion Depth:

(2,62mm) .103" to

(5,03mm) .198"

Insertion Force:

(Single contact only)

4oz (1,11N) average

Normal Force:

60 grams (0,59N) average

Withdrawal Force:

(Single contact only)

3oz (0,83N) average

Max Cycles:

100 with 10µ" (0,25µm) Au

RoHS Compliant:

Yes

Lead-Free Solderable:

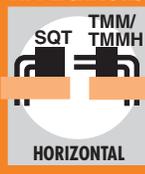
Yes



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

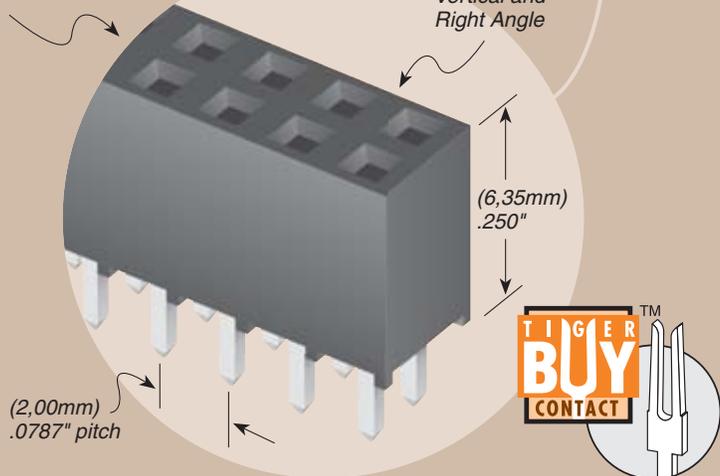
CURRENT RATING	
AMBIENT TEMP	Mated with TMM/TMMH
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

APPLICATIONS



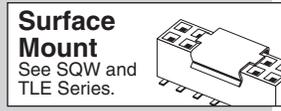
Choice of one through six rows

Vertical and Right Angle



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

Also Available



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" (0,25µm) 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