

2mm SQ TAIL SOCKET

SQT SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?SQT

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Voltage Rating:

450 VAC mated with TMM or TMMH

Operating Temp Range:

-65°C to +105°C

Plating:

Sn or Au over 50µ" (1,27µm) Ni

Contact Resistance:

10 m. 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

Max Processing Temp:

230°C for 60 seconds

Withdrawal Force:

(Single contact only)

3oz (0,83N) average

Max Cycles:

100 with 10µ" (0,25µm) Au

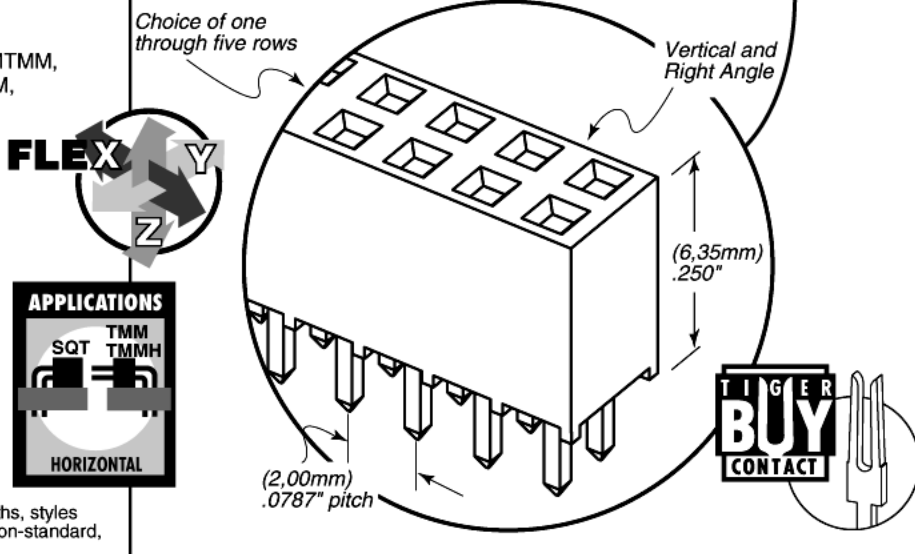
CURRENT RATING	
AMBIENT TEMP	Mated with TMM/TMMH
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

Mates with:

TMMH, TMM, MTMM,

MMT, TW, LTMM,

ZLTTM, ESQT



SQT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
		02 thru 50	Specify LEAD STYLE from chart	-L = 10µ" (0,25µm) Gold contact, Tin tail -F = Gold flash on contact, Tin on tail	-S = Single Row -D = Double Row -T = Triple Row -Q = Four Row -5 = Five Row	-RA = Right Angle (-Q & -5 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 rows x (2,00) .0787 + (0,30) .012

(6,35) .250

(0,38) .015

(2,00) .0787 TYP

(2,29) .090

(1,27) .050

(2,00) .0787

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

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.

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

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