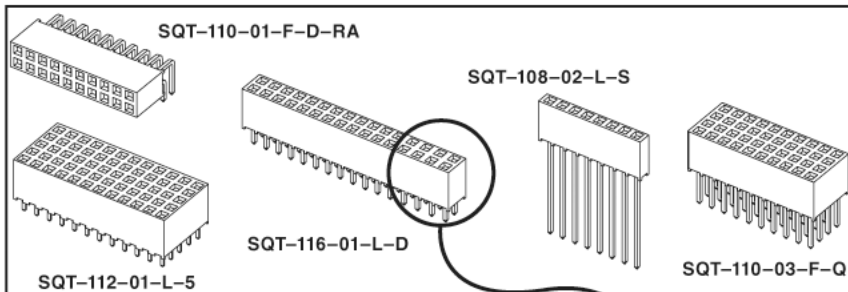




# 2mm SQ TAIL SOCKET SQT SERIES



## SPECIFICATIONS

For complete specifications see [www.samtec.com?SQT](http://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

**Processing:**

**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x

**Lead-Free Solderable:**  
Yes

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

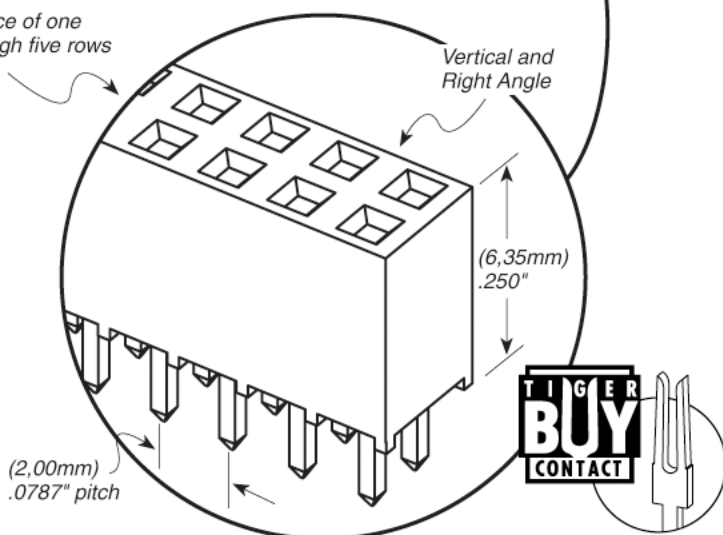
**Mates with:**  
TMMH, TMM, MTMM,  
MMT, TW, LTMM,  
ZLTM, ESQT

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



Choice of one through five rows

Vertical and Right Angle



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 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

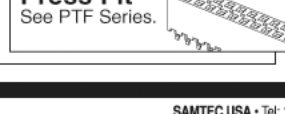
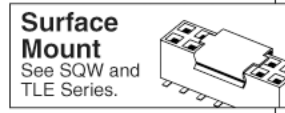
(6,35) .250

(0,38) .015 (2,00) .0787 TYP

(1,27) .050 (2,00) .0787

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

## Also Available



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

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