

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

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

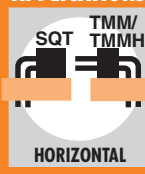
Lead-Free Solderable: Yes

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

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

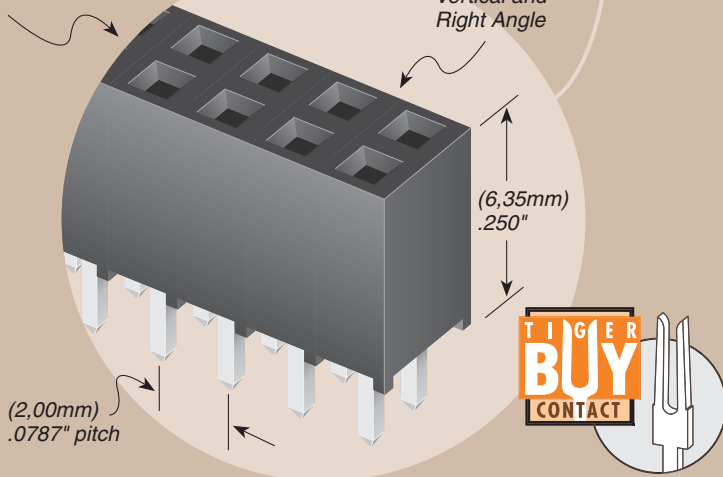
CURRENT RATING	
AMBIENT TEMP	Mated with TMM/TMMH
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

APPLICATIONS



Choice of one through 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 & -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)

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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