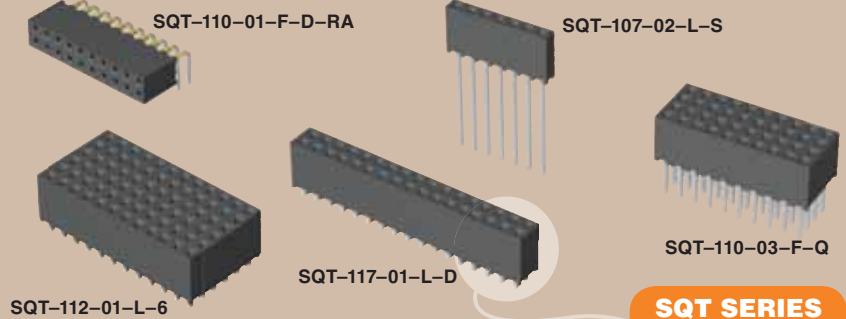




(2,00 mm) .0787"

**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

Current Rating (TMMH/SQT):

5.1 A per pin

(1 pin powered per row)

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

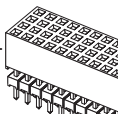
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

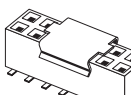


Other Solutions

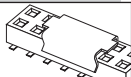
Elevated
See ESQT Series.



Surface Mount
See SQW and TLE Series.



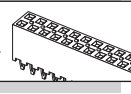
Low Profile
See CLT Series.



High Reliability
See SMM Series.

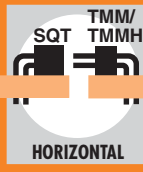


Press Fit
See PTF Series.



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

APPLICATIONS



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

Choice of one through six rows

Vertical and Right Angle

(2,00 mm) .0787" pitch

(6,35 mm) .250"

**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

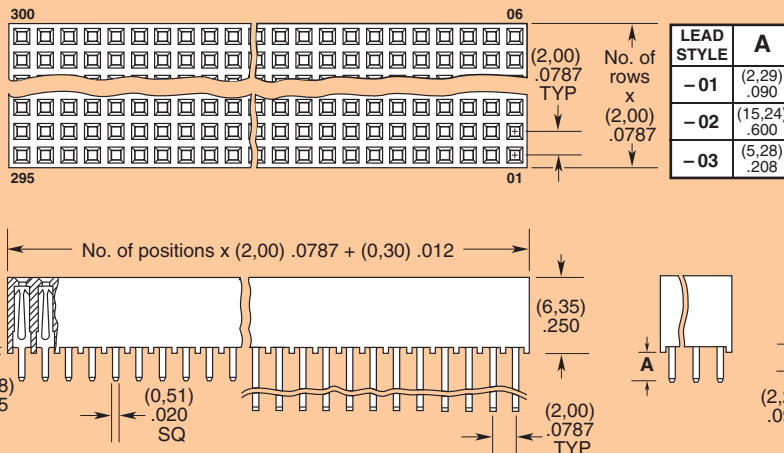
-Q
= Four Row

-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)



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

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