

(2.00 mm) .0787"

SQT-112-01-L-6

SQT-110-01-F-D-RA

SQT-107-02-L-S

SQT-117-01-L-D

SQT-110-03-F-Q

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 50 μ " (1.27 μ m) Ni

Current Rating (TMMH/SQT):

5.1 A per pin

(2 pins powered)

Voltage Rating:

281 VAC mated with TMM;

250 VAC mated with TMMH

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198"

Normal Force:

60 grams (0.59 N) average

Max Cycles:

100 with 10 μ " (0.25 μ m) Au

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Board Mates:

TMMH, TMM, MTMM,
MMT, TW, LTMM, ZLTMM,
ESQT, PTT, TSH

Cable Mates:

TCMD



Choice of one
through six rows

Vertical and
Right-angle

(2.00 mm)
.0787" pitch

(6.35 mm)
.250"

HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

4
Gbps

APPLICATIONS

TMM/
TMMH

HORIZONTAL

RECOGNITIONS

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



Note:

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

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.

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
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

-S
= Single
Row

-D
= Double
Row

-T
= Triple
Row

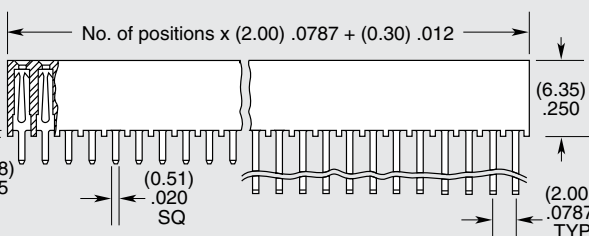
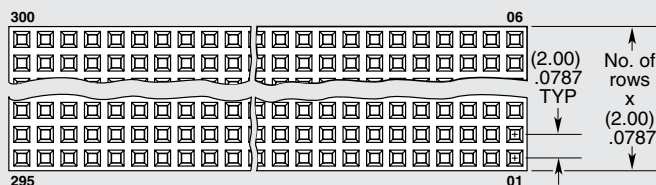
-Q
= Four
Row

-5
= Five
Row

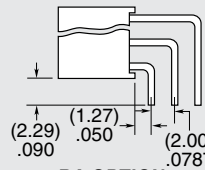
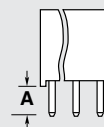
-6
= Six
Row

-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



-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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.