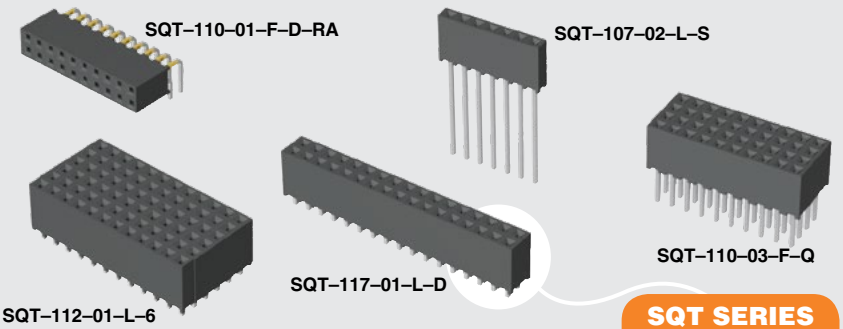
samtec



(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 50 µ" (1.27 µm) 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 µm) Au
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes

RECOGNITIONS

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

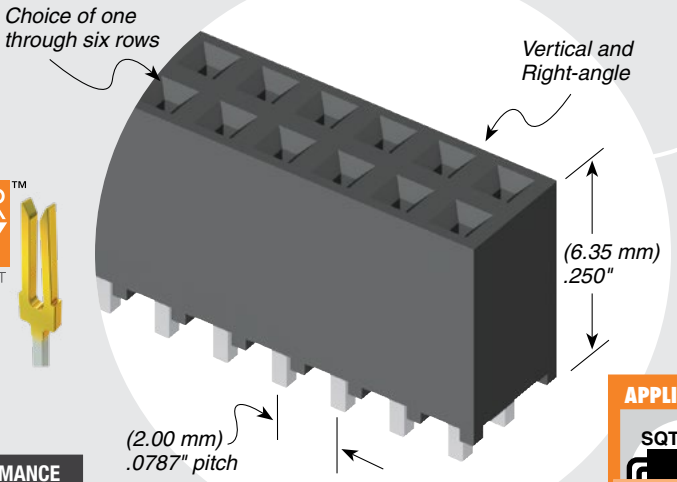
FILE NO. E111594

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

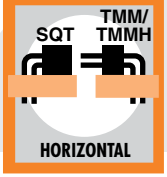
Board Mates:
TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, ESQT, PTT, TSH

Cable Mates:
TCMD

TIGER BUY™ CONTACT



APPLICATIONS

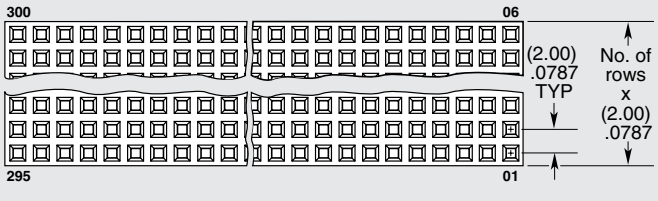


HIGH-SPEED CHANNEL PERFORMANCE

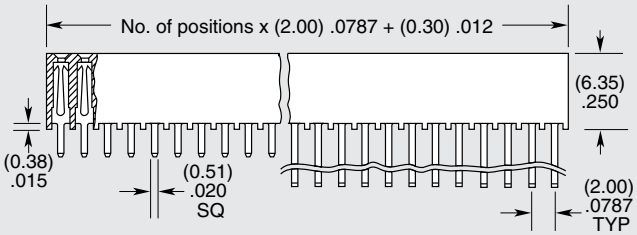
Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

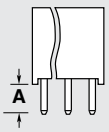
4 Gbps

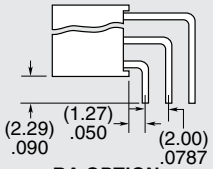
SQT	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION
			02 thru 50		Specify LEAD STYLE from chart		–F = Gold flash on contact, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail		–S = Single Row –D = Double Row –T = Triple Row –Q = Four Row –5 = Five Row –6 = Six Row		–RA = Right-angle (–Q, –5 & –6 Row not available) (Lead Style –01 only) –"XXX" = Polarized Position (Indicate position number)



LEAD STYLE	A
– 01	(2.29) .090
– 02	(15.24) .600
– 03	(5.28) .208



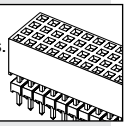




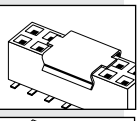
–RA OPTION
(–Q, –5 & –6 not available)

Other Solutions

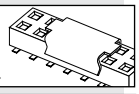
Elevated
See ESQT Series.



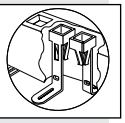
Surface Mount
See SQW and TLE Series.



Low Profile
See CLT Series.



High Reliability
See SMM Series.



Press-fit
See PTF Series.