



SQT-110-01-F-D-RA

SQT-108-02-L-S

SQT-116-01-L-D

SQT-112-03-F-D

Through
T/H
Hole

2mm SQ TAIL SOCKET SQT SERIES

SPECIFICATIONS

Materials:

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Operating Temp Range:
-65°C to +105°C

Plating: Sn or Au over 50µ" (1,27µm) Ni

Contact Resistance:
10 mΩ max

Insertion Depth:
(2,62mm) .103" to (5,03mm) .198"

Insertion Force:
40z (1,11N) average

Normal Force:
60 grams (0,59N) average

Withdrawal Force:
30z (0,83N) average

Max Cycles:
100 with 10µ" (0,25µm) Au

CURRENT RATING

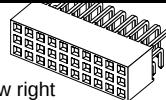
AMBIENT TEMP	Mated with TMM/TMMH
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

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

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

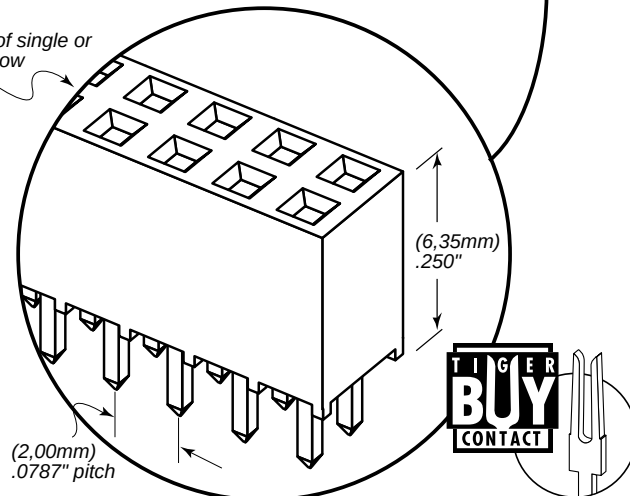


APPLICATION SPECIFIC OPTION



Triple row right angle available. Call Samtec.

Choice of single or double row



SQT	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
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02 thru 50

Specify LEAD STYLE from chart

-L
= 10µ" (0,25µm) Gold contact 150µ" (3,81µm) Tin tail

-F
= Gold flash on contact 150µ" (3,81µm) Tin on tail

-S
= Single Row

-D
= Double Row

-T
= Triple Row

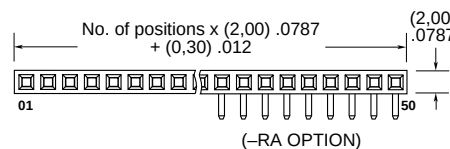
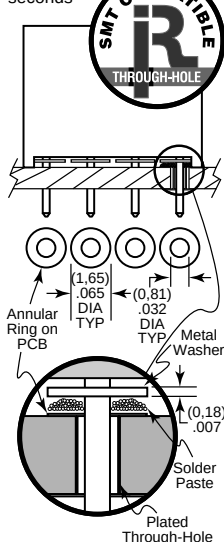
-“XXX”
= Polarized Position (Indicate position number)

-RA
= Right Angle (Style -01 only) (Single & Double row only)

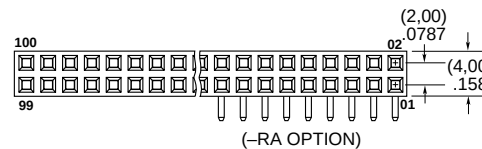
-MW
= Metal Washers on Solder Tails (05 thru 30 pins per row only) (Styles -01 & -03 only) -RA not available

Processing:

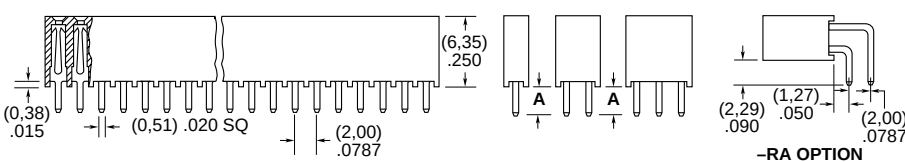
Max Processing Temp:
230°C for 60 seconds



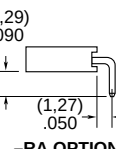
(-RA OPTION)



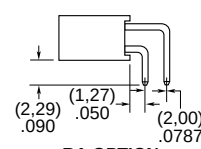
(-RA OPTION)



LEAD STYLE	A
-01	(2,29) .090
-02	(15,24) .600
-03	(5,28) .208



-RA OPTION



-RA OPTION

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