

COST-EFFECTIVE RUGGED SOCKETS

(2.00 mm) .0787" PITCH • SQW/SQT SERIES



SQW/SQT

Board Mates:

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

Cable Mates: TCMD

SPECIFICATIONS

(2 pins powered) (TMMH/SQT) = 5.1 A per pin

250 VAC/354 VDC

(2.62 mm) .103" to (5.03 mm) .198" with (0.38 mm) .015" wipe

(2.62 mm) .103" to (5.03 mm) .198"

Insulator Material: Black Liquid Crystal Polymer Contact Material: Phosphor Bronze

Plating: Sn or Au over 50 μ" (1.27 μm) Ni Operating Temp Range: -55 °C to +125 °C

Current Rating: (SQW/TMMH) = 3.8 A per pin

(2 pins powered)
Voltage Rating:
281 VAC/398 VDC
mated with TMM;

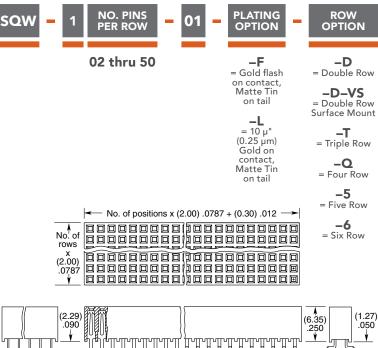
mated with TMMH SQW Insertion Depth:

SQT Insertion Depth:

Max Cycles: 100 with 10 μ" (0.25 μm) Au

PROCESSING

SMT Lead Coplanarity: (0.10 mm) .004" max (02-10) (0.15 mm) .006" max (11-50) *(.004" stencil solution may be available; contact



OPTION

-"XXX"

Polarized Position -D-VS only options:

-A

= Alignment Pin
(5 positions minimum)
Metal or plastic at Samtec discretion.
(Not available with -LC)

= Locking Clip (5 positions minimum) (Not available with -A) (Manual placement required)

= (4.25 mm) .167" DIA Polyimide Film Pick & Place Pad (4 positions minimum)

-P = Pick & Place Pad (4 positions minimum)

Tape & Reel

(4-28 positions only)

-FR

= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (4–28 positions only)

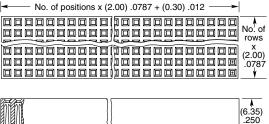
Yes, for -D & -D-VS (Wave only for -T, -Q, -5 & -6) **SQT Lead-Free Solderable:**

ipg@samtec.com)

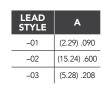


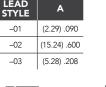
-D, -T, -Q, -5, -6

SQT



NO. PINS PER ROW **STYLE** Specify 02 thru 50 LEAD **STYLE** from chart





(4.74) .187

-D-VS

PLATING

OPTION

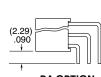
-F

= Gold flash

on contact, Matte Tin on tail

= 10 μ" (0.25 μm)

Gold on contact, Matte Tin on tail



ROW OPTION OPTION

-RA

= Right-angle (-Q, -5 & -6

Row not

available)

(Lead Style

-01 only)

-"XXX" = Polarized

Position

(Indicate

position

number)

-S = Single Row

-D = Double Row

= Triple Row

-Q = Four Row

-5 = Five Row -6

= Six Row

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

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