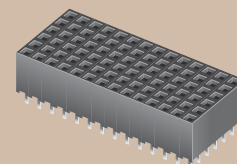
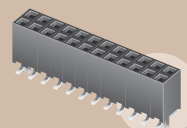


SQW-110-01-L-5

SQW-112-01-F-D-VS-LC



SQW-114-01-F-6

# 2mm TIGER BUY SOCKET SQW SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SQW](http://www.samtec.com?SQW)

### Insulator Material:

Black Liquid Crystal Polymer



### Contact Material:

Phosphor Bronze

### Plating:

Sn or Au over 50µ" (1,27µm) Ni

### Voltage Rating:

500 VAC mated with TMM or TMMH

### Operating Temp Range:

-55°C to +125°C

### Contact Resistance:

10 mΩ max

### Insertion Depth:

(2,62mm) .103" to (5,03mm) .198" with (0,38mm) .015" wipe

### Insertion Force:

(Single contact only)

1.8oz (0,50N) avg.

### Withdrawal Force:

(Single contact only)

1.0oz (0,28N) avg.

### Max Cycles:

100 with 10µ" (0,25µm) Au

### RoHS Compliant:

Yes

## Processing:

### Max Processing Temp:

230°C for 60 seconds, or 260°C for 20 seconds 3x for -D & -D-VS (230°C for 60 seconds only for -T, -Q, -5 & -6)

### Lead-Free Solderable:

Yes, for -D & -D-VS (Wave only for -T, -Q, -5 & -6)

### SMT Lead Coplanarity:

(0,15mm) .006" max

### Mates with:

TMMH, TMM, MTMM, MMT, TW, TSH, TCMD

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

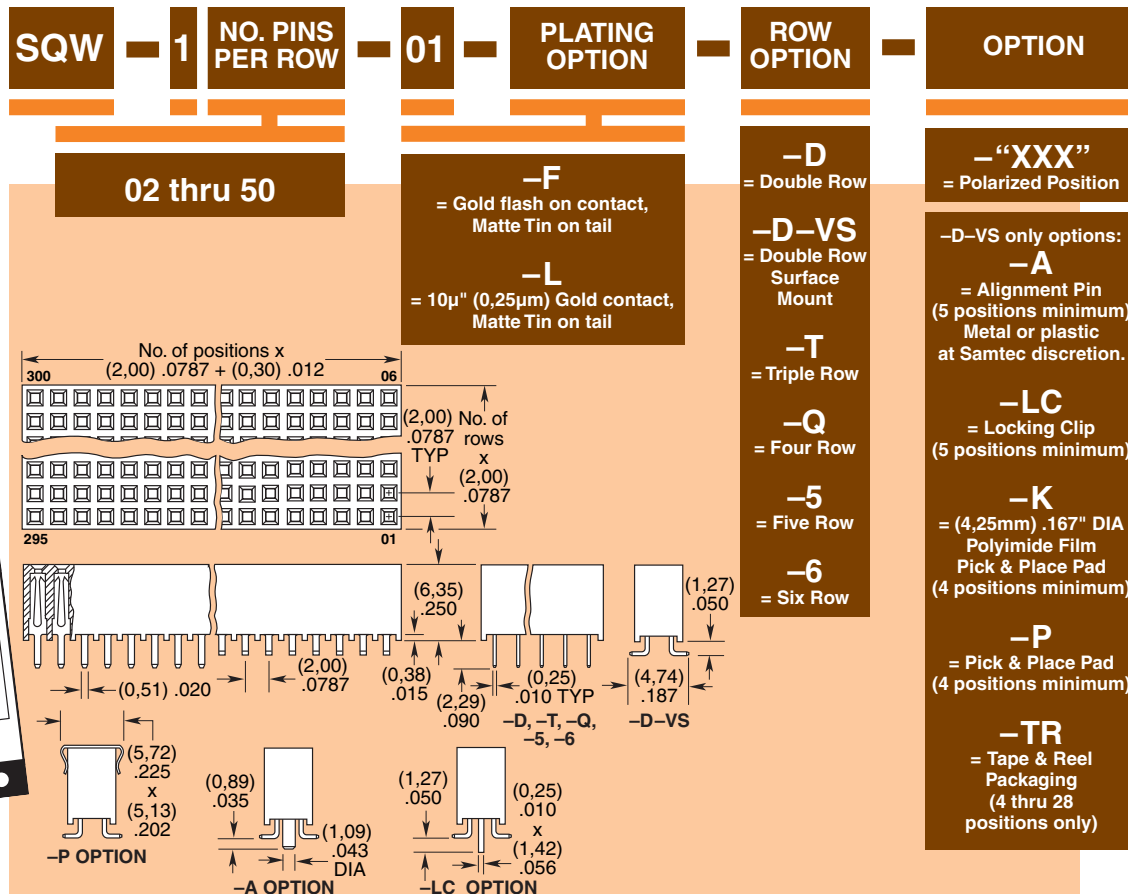


(2,00mm)  
.0787" pitch

Choice of two through six rows

(7,62mm)  
.300"

Choice of Surface Mount and Through-hole



## TAPE & REEL AVAILABILITY

No tooling charges.  
Minimum order is the lesser of a full reel quantity or 125 pieces.  
Order any quantity above minimum.  
In-house design, manufacture.  
Quick turn-around.

Call Samtec for specifications and ordering information.

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

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

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