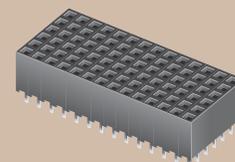
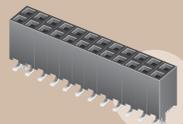


SQW-110-01-L-5

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" wiper

**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:

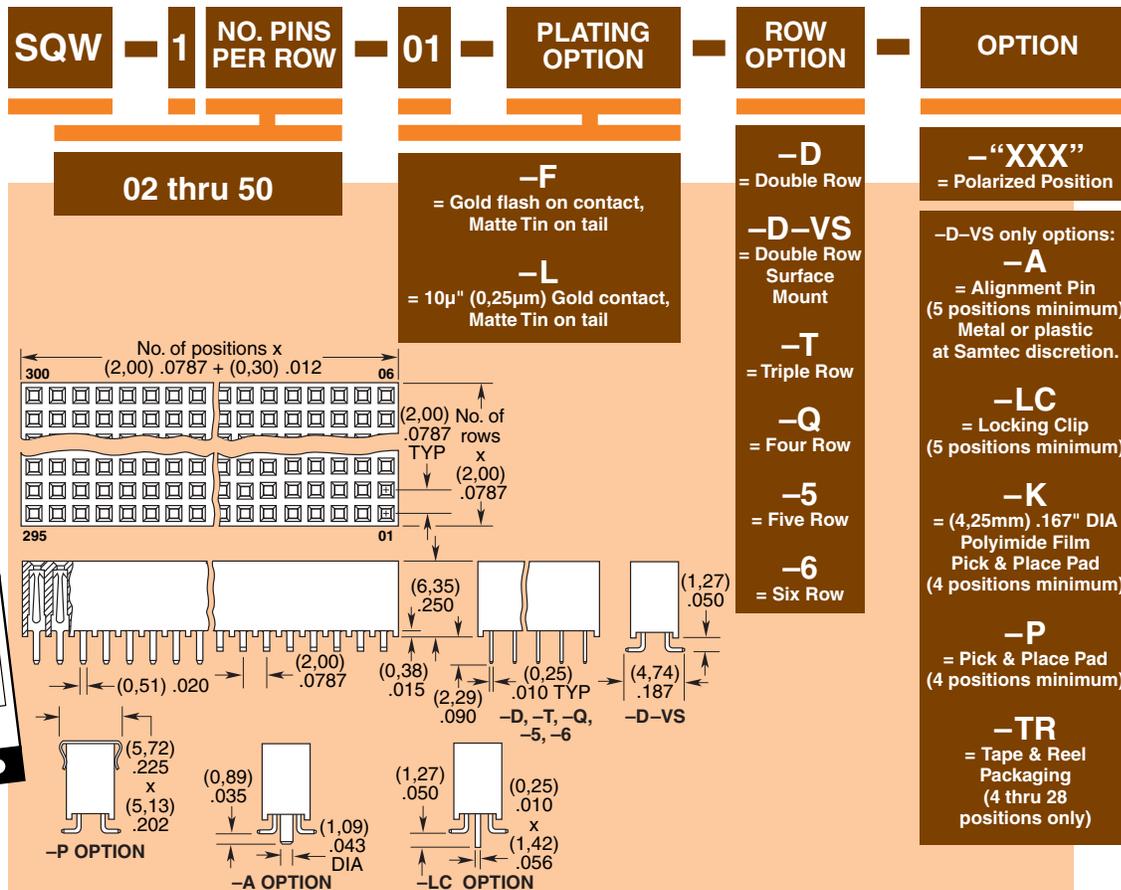
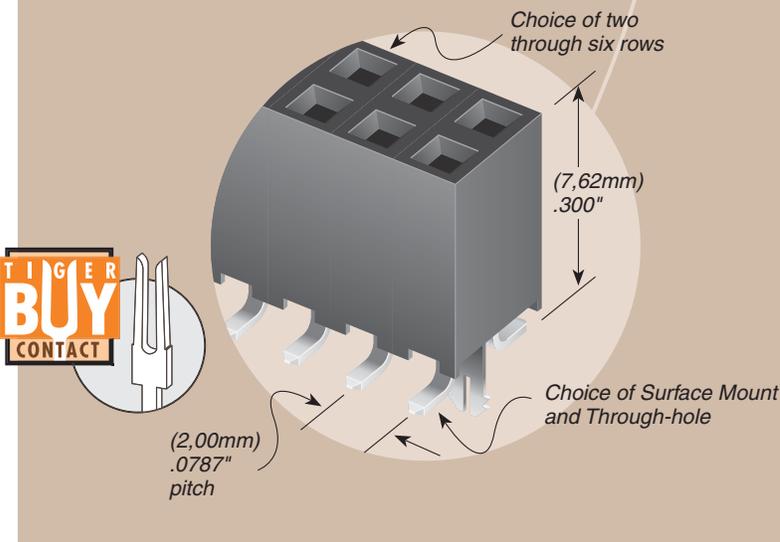
**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x for -D & -D-VS (230°C for 60 seconds only for -T, -Q, -5 & -6)

**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



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125 piece minimum order.  
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**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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