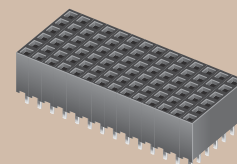
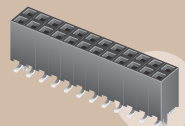


SQW-110-01-L-5

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

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:

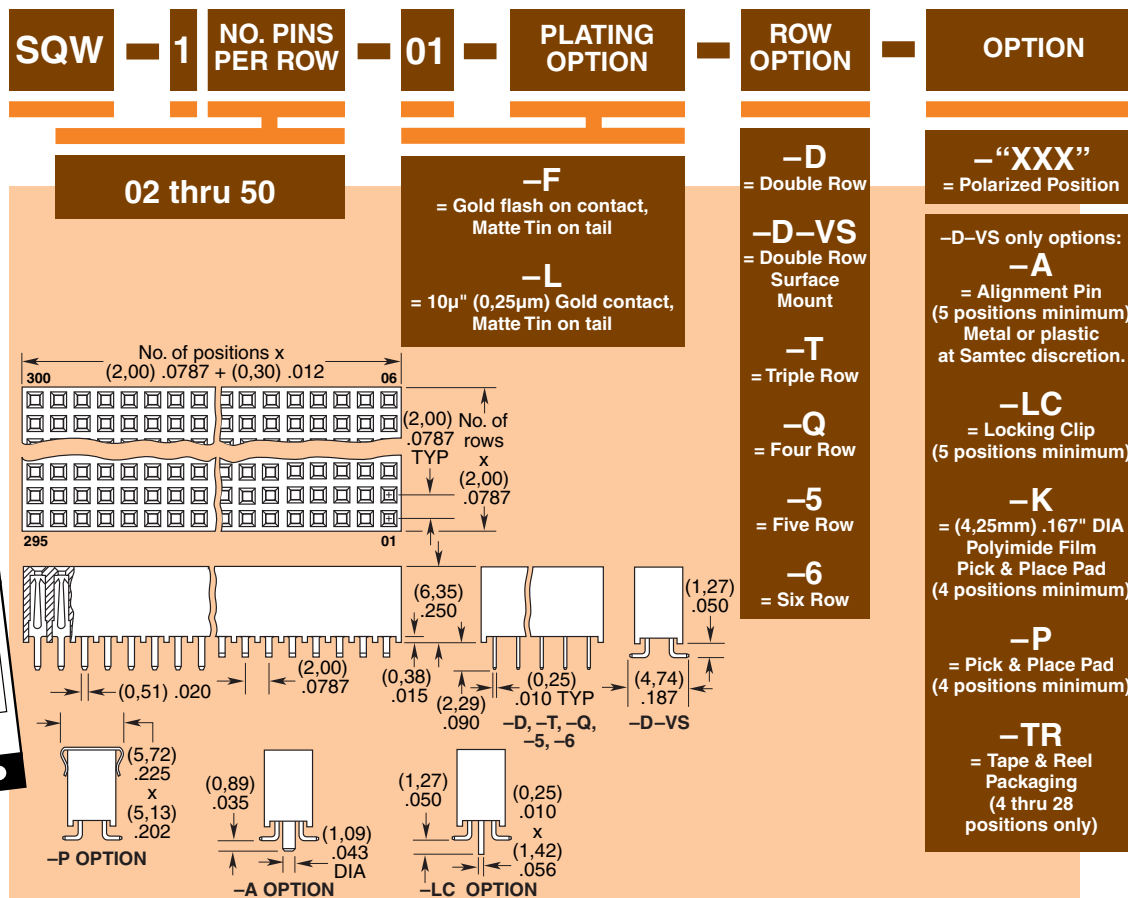
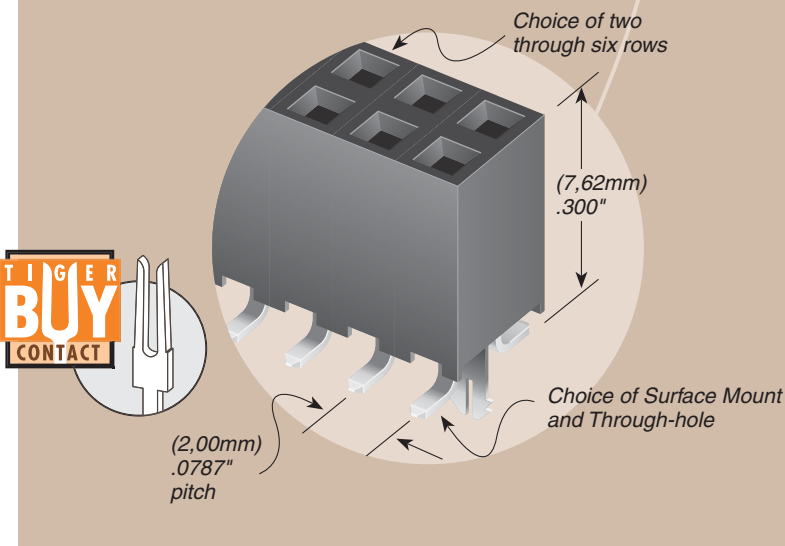
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x for -D & -D-VS (230°C for 60 seconds only for -T, -Q, -5 & -6)

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



TAPE & REEL AVAILABILITY
No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
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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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