

(2.00 mm) .0787"

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

SQW-111-01-L-6

SQW-114-01-F-6

SQW SERIES

# COST-EFFECTIVE RUGGED SOCKETS

## 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

50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating (SQW/TMMH):

3.8 A per pin

(2 pins powered)

### Voltage Rating:

281 VAC mated with TMM;

250 VAC mated with TMMH

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

### RoHS Compliant:

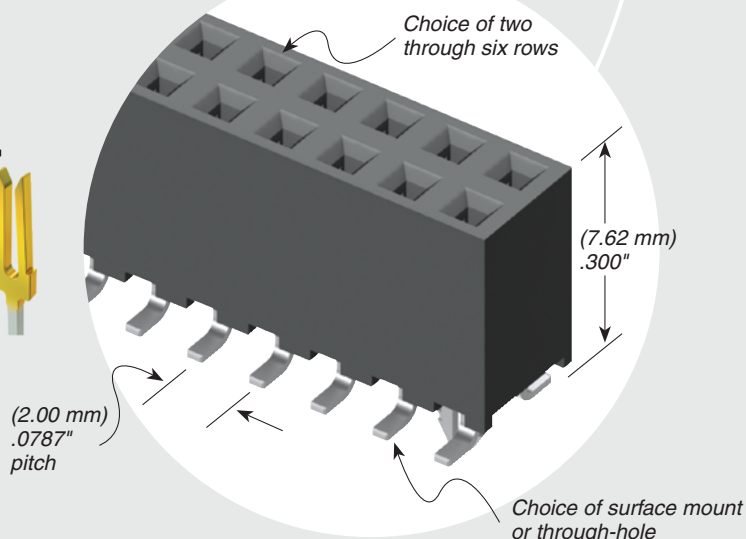
Yes

### Board Mates:

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

### Cable Mates:

TCMD



## PROCESSING

### Lead-Free Solderable:

Yes, for -D & -D-VS

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

### SMT Lead Coplanarity:

(0.10 mm) .004" max (02-10)

(0.15 mm) .006" max (11-50)\*

\*(.004" stencil solution

may be available; contact

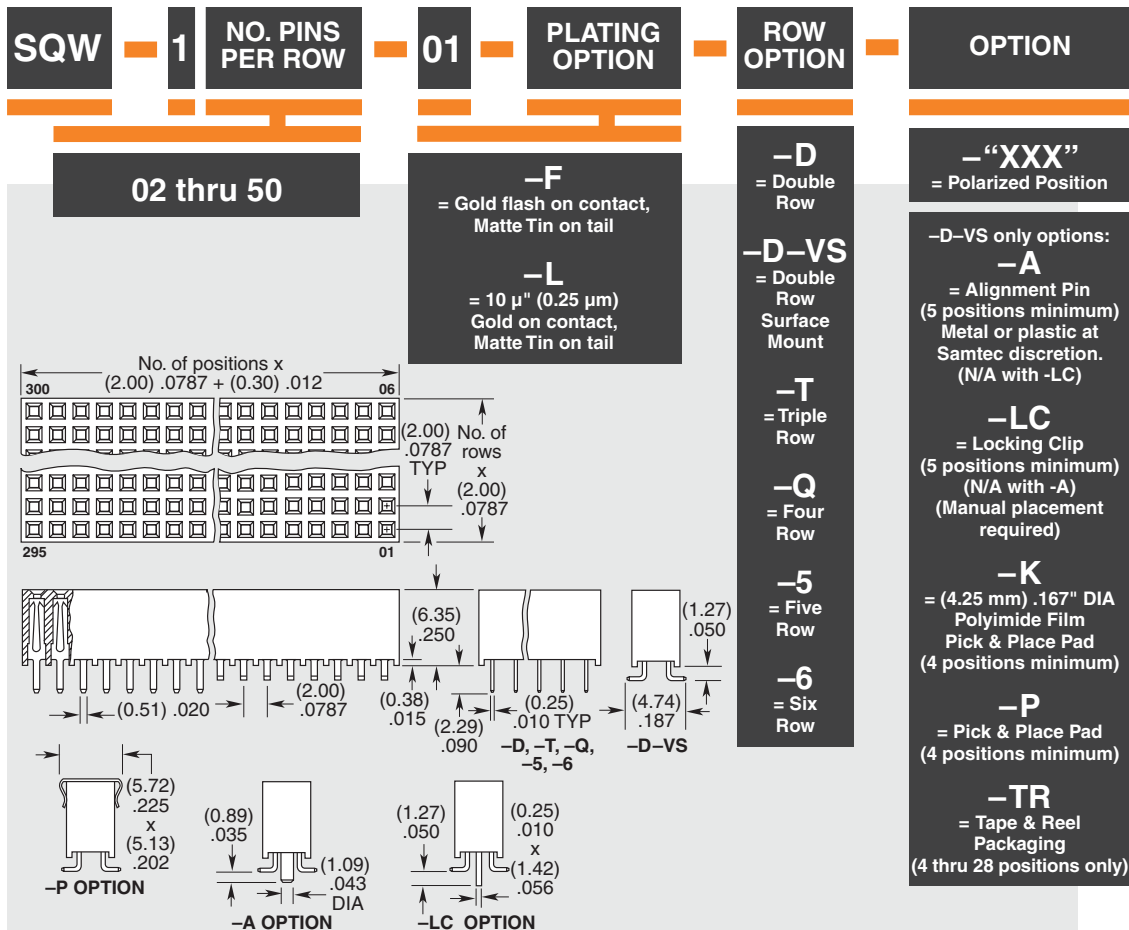
IPG@samtec.com)

## RECOGNITIONS

For complete scope

of recognitions see

[www.samtec.com/quality](http://www.samtec.com/quality)



### 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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.