

(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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ " (1.27 μ 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 μ " (0.25 μ m) Au

RoHS Compliant:

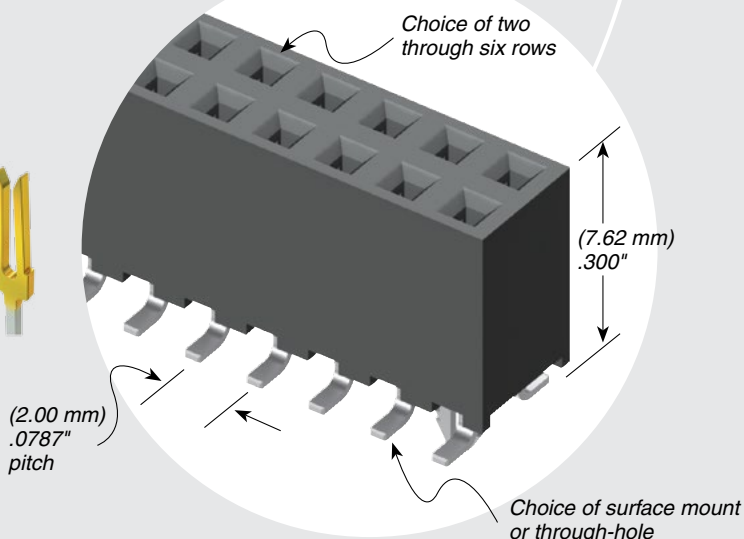
Yes

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

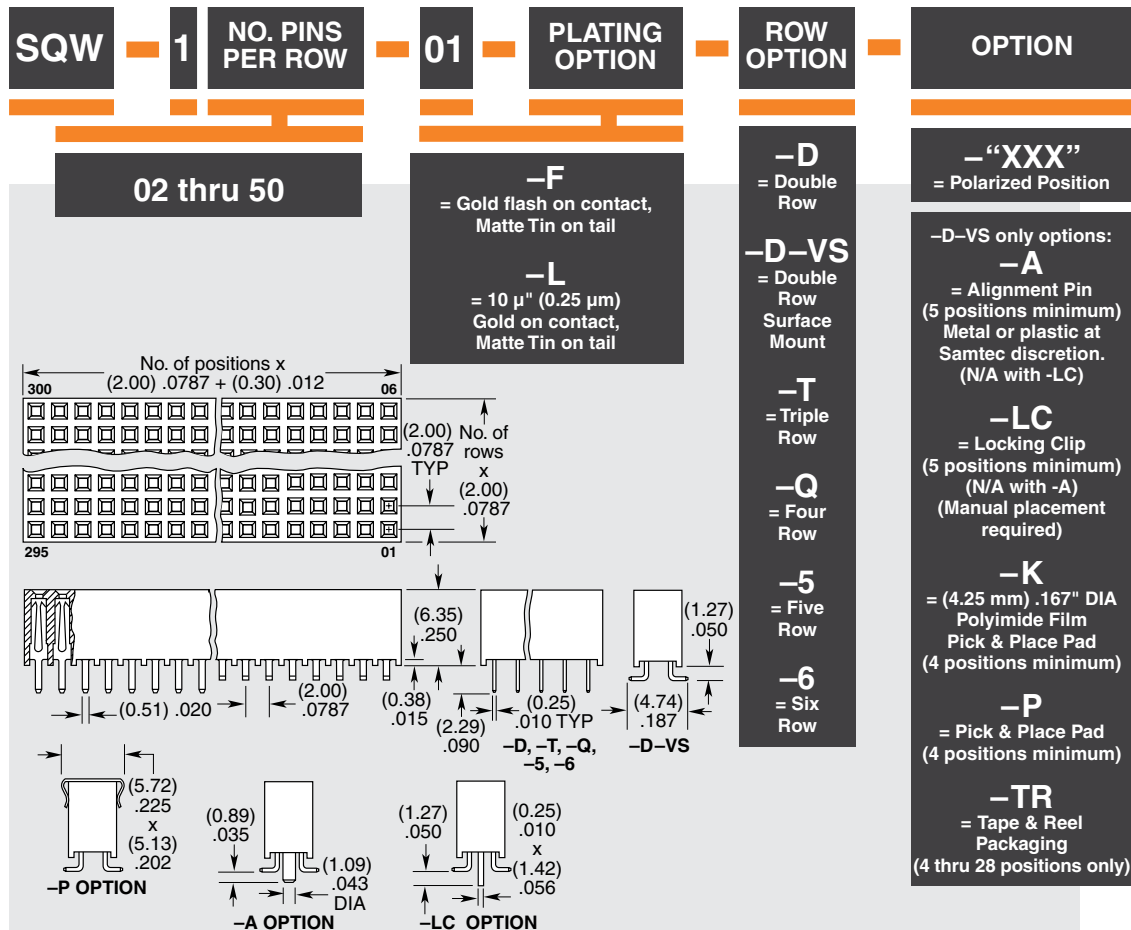
For complete scope

of recognitions see

www.samtec.com/quality



FILE NO. E111594



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

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.