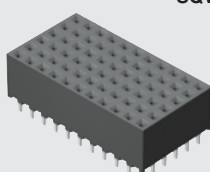


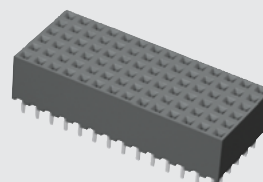


(2,00 mm) .0787"

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

50µ" (1,27 µm) Ni

Current Rating (SQW/TMMH):

3.8 A per pin

(1 pin powered per row)

Voltage Rating:

500 VAC mated with

TMM or TMMH

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ

Insertion Depth:

(2,62 mm) .103" to

(5,03 mm) .198" with

(0,38 mm) .015" wiper

Insertion Force:

(Single contact only)

1.8 oz (0,50 N) avg.

Withdrawal Force:

(Single contact only)

1.0 oz (0,28 N) avg.

Max Cycles:

100 with 10µ" (0,25 µm) Au

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes, for -D & -D-VS

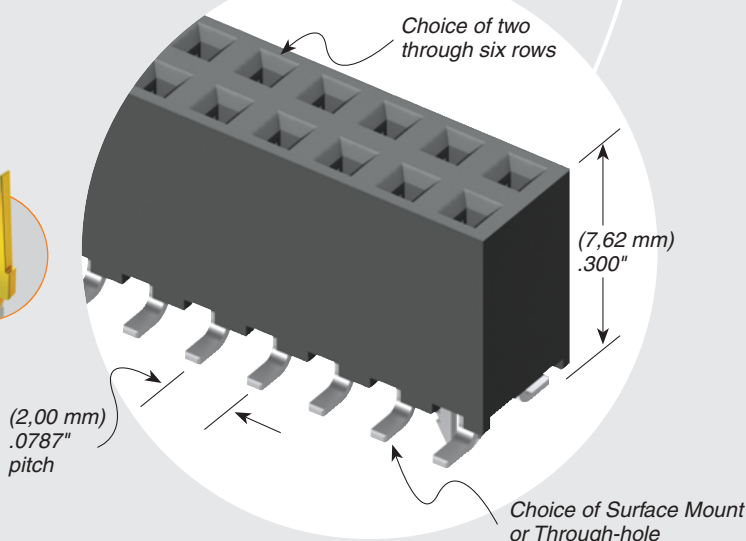
(Wave only for -T, -Q, -5 & -6)

SMT Lead Coplanarity:

(0,15 mm) .006" max

Mates with:

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



SQW

1

NO. PINS
PER ROW

01

PLATING
OPTIONROW
OPTION

OPTION

02 thru 50

-F

= Gold flash on contact,
Matte Tin on tail

-L

= 10µ" (0,25 µm)
Gold on contact,
Matte Tin on tail

-D
= Double
Row-D-VS
= Double
Row
Surface
Mount-T
= Triple
Row-Q
= Four
Row-5
= Five
Row-6
= Six
Row-“XXX”
= Polarized Position

-D-VS only options:
-A
= Alignment Pin
(5 positions minimum)
Metal or plastic at
Samtec discretion.
(N/A with -LC)

-LC
= Locking Clip
(5 positions minimum)
(N/A with -A)
(Manual placement
required)

-K
= (4,25 mm) .167" DIA
Polyimide Film
Pick & Place Pad
(4 positions minimum)

-P
= Pick & Place Pad
(4 positions minimum)

-TR
= Tape & Reel
Packaging
(4 thru 28 positions only)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594 FILE NO. 090871_0_000

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.

