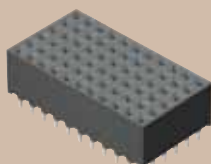


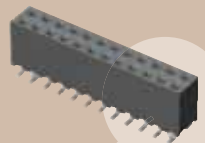


(2,00 mm) .0787"

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" wipe

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

RECOGNITIONS

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



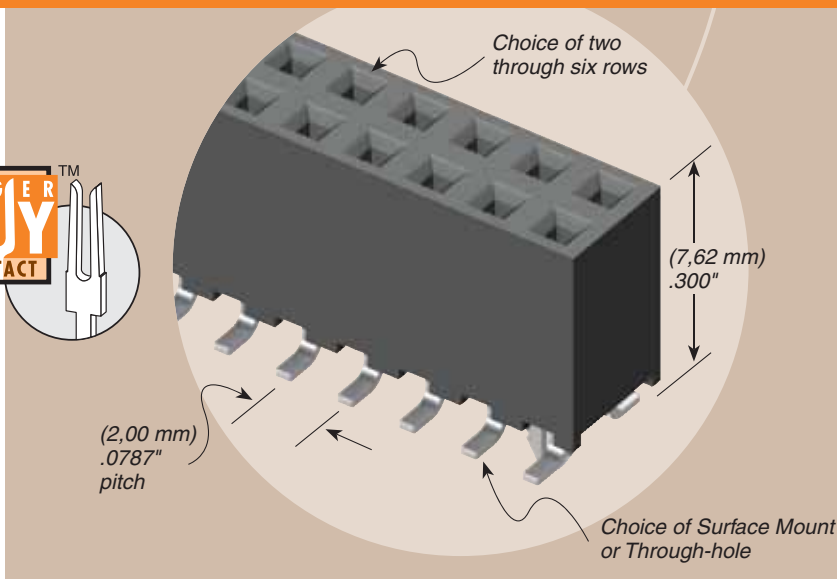
TAPE & REEL AVAILABILITY

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.

Mates with:
TMMH, TMM,
MTMM, MMT,
TW, TSH, TCMD,
LTMM, PTT



SQW	1	NO. PINS PER ROW	01	PLATING OPTION	ROW OPTION	OPTION
		02 thru 50		-F = Gold flash on contact, Matte Tin on tail	-D = Double Row	- "XXX" = Polarized Position
				-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-D-VS = Double Row Surface Mount	-D-VS only options: -A = Alignment Pin (5 positions minimum) Metal or plastic at Samtec discretion. (N/A with -LC)
					-T = Triple Row	-LC = Locking Clip (5 positions minimum) (N/A with -A) (Manual placement required)
					-Q = Four Row	-K = (4,25 mm) .167" DIA Polyimide Film Pick & Place Pad (4 positions minimum)
					-5 = Five Row	-P = Pick & Place Pad (4 positions minimum)
					-6 = Six Row	-TR = Tape & Reel Packaging (4 thru 28 positions only)

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM