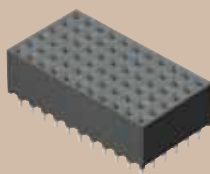


samtec

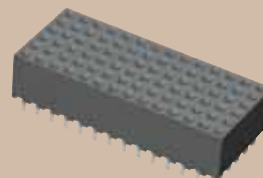


(2,00 mm) .0787"

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

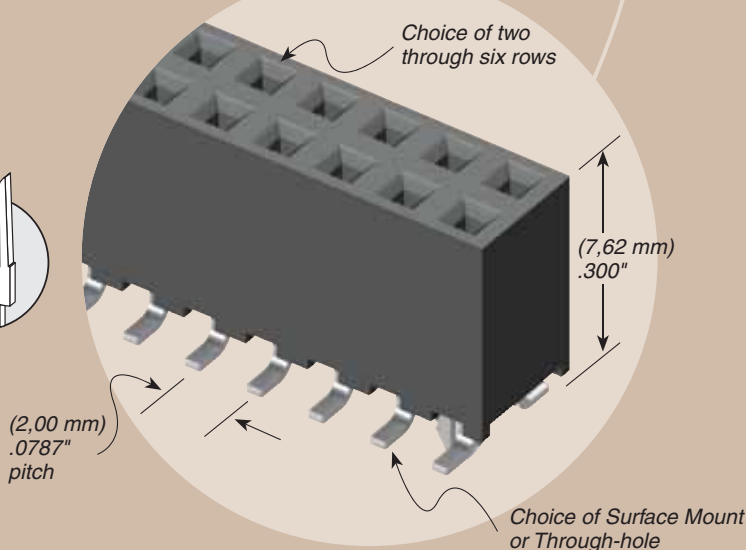
Mates with:

TMMH, TMM,

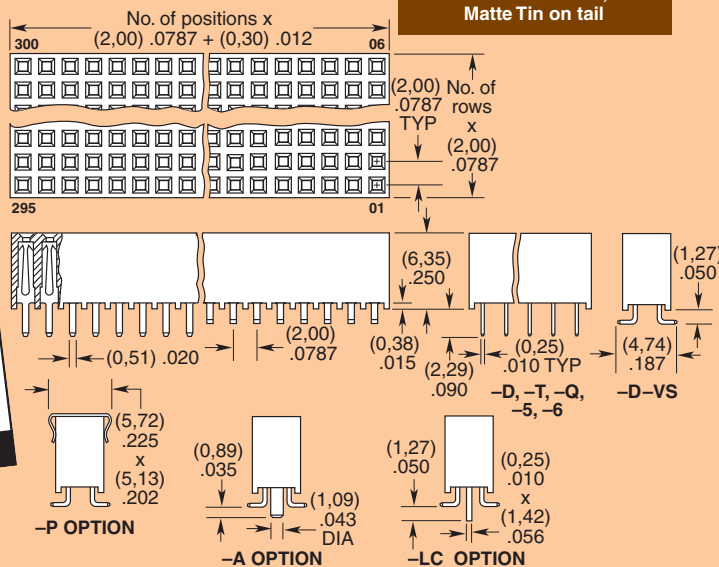
MTMM, MMT,

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 -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)



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.

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

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