

SQW-114-01-F-6

(2,00mm) .0787" SQW SERIES

COST-EFFECTIVE RUGGED SOCKETS

NO. PINS

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" (1,27µm) Ni

(1,27µm) Ni Voltage Rating: 500 VAC mated with TMM or TMMH Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ max

Insertion Depth: (2,62mm) .103" to (5,03mm) .198" with (0,38mm) .015" wipe

Insertion Force: (Single contact only) 1.8oz (0,50N) avg. Withdrawal Force: (Single contact only)

(Single contact only) 1.0oz (0,28N) avg. **Max Cycles:** 100 with 10µ" (0,25µm) Au

100 with 10μ" (0,25μm) At RoHS Compliant: Yes

CURRENT RATING	
AMBIENT TEMP	Mated with TMMH
20°C	5A
40°C	4.6A
60°C	4A
95°C	2.6A

6 POSITIONS (2x3) POWERED

.

Processing: Lead-Free Solderable: Yes, for -D & -D-VS (Wave only for -T, -Q, -5 & -6)

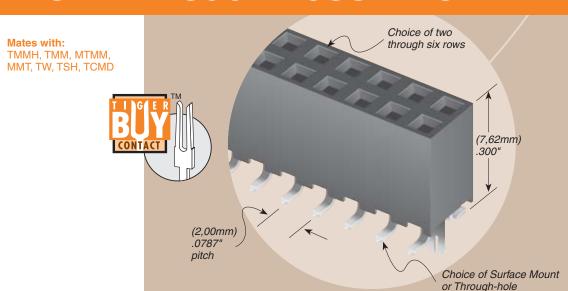
SMT Lead Coplanarity: (0,15mm) .006" max



No tooling citalyous
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.

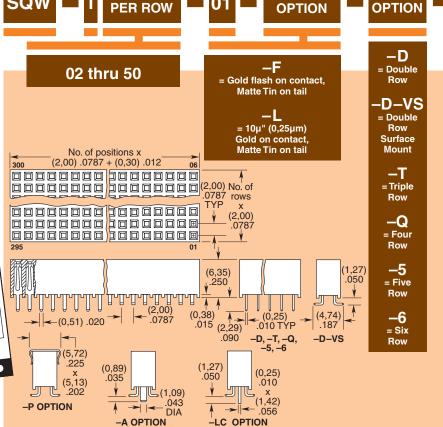
Call Samtec for specifications and ordering information.

Note: Some lengths, styles and options are non-standard, non-returnable.



PLATING

ROW



OPTION

-"XXX" = Polarized Position

-D-VS only options:

= 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

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

_P

= Pick & Place Pad (4 positions minimum)

_TE

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