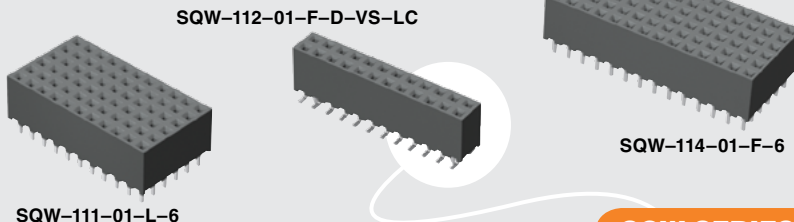




(2.00 mm) .0787"



SQW SERIES

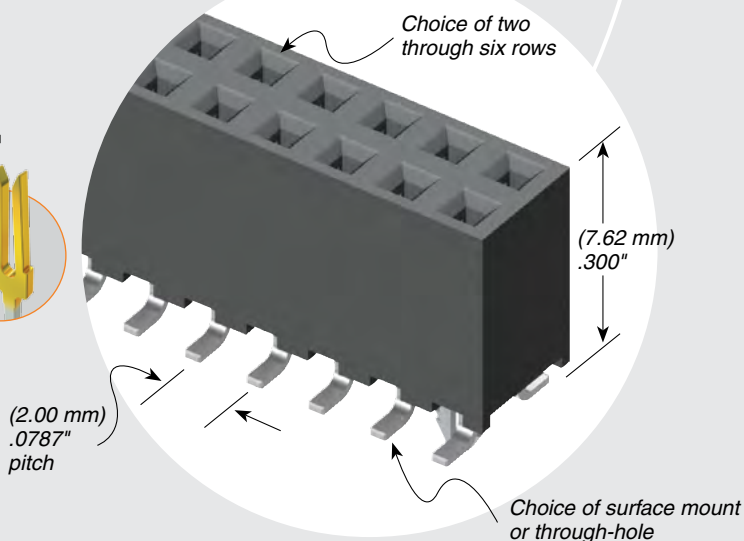
COST-EFFECTIVE RUGGED SOCKETS

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 μm) Ni
- Current Rating (SQW/TMMH):** 3.8 A per pin (1 pin powered per row)
- Voltage Rating:** 281 VAC mated with TMM; 250 VAC mated with 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
- Max Cycles:** 100 with 10 μ" (0.25 μm) 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:** (0.15 mm) .006" max

RECOGNITIONS

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



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

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 = 10 μ" (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)