

(2.00 mm) .0787"

SQW SERIES

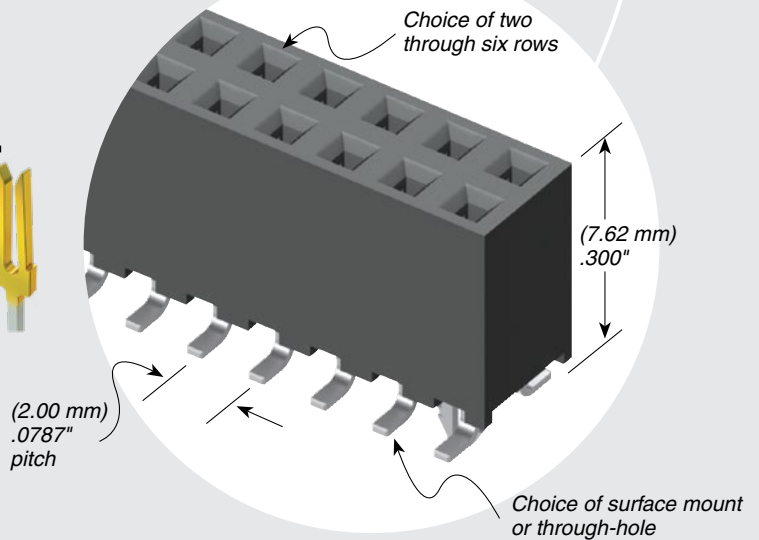
# COST-EFFECTIVE RUGGED SOCKETS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SQW](http://www.samtec.com?SQW)

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Sn or Au over  
50 μm (1.27 μm) Ni  
**Current Rating (SQW/TMMH):**  
3.8 A per pin  
(2 pins powered)  
**Voltage Rating:**  
281 VAC mated with TMM;  
250 VAC mated with TMMH  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Insertion Depth:**  
(2.62 mm) .103" to  
(5.03 mm) .198" with  
(0.38 mm) .015" wiper  
**Max Cycles:**  
100 with 10 μm (0.25 μm) Au  
**RoHS Compliant:**  
Yes

**Board Mates:**  
TMMH, TMM,  
MTMM, MMT, TW,  
TSH, LTMM, PTT  
**Cable Mates:**  
TCMD



## PROCESSING

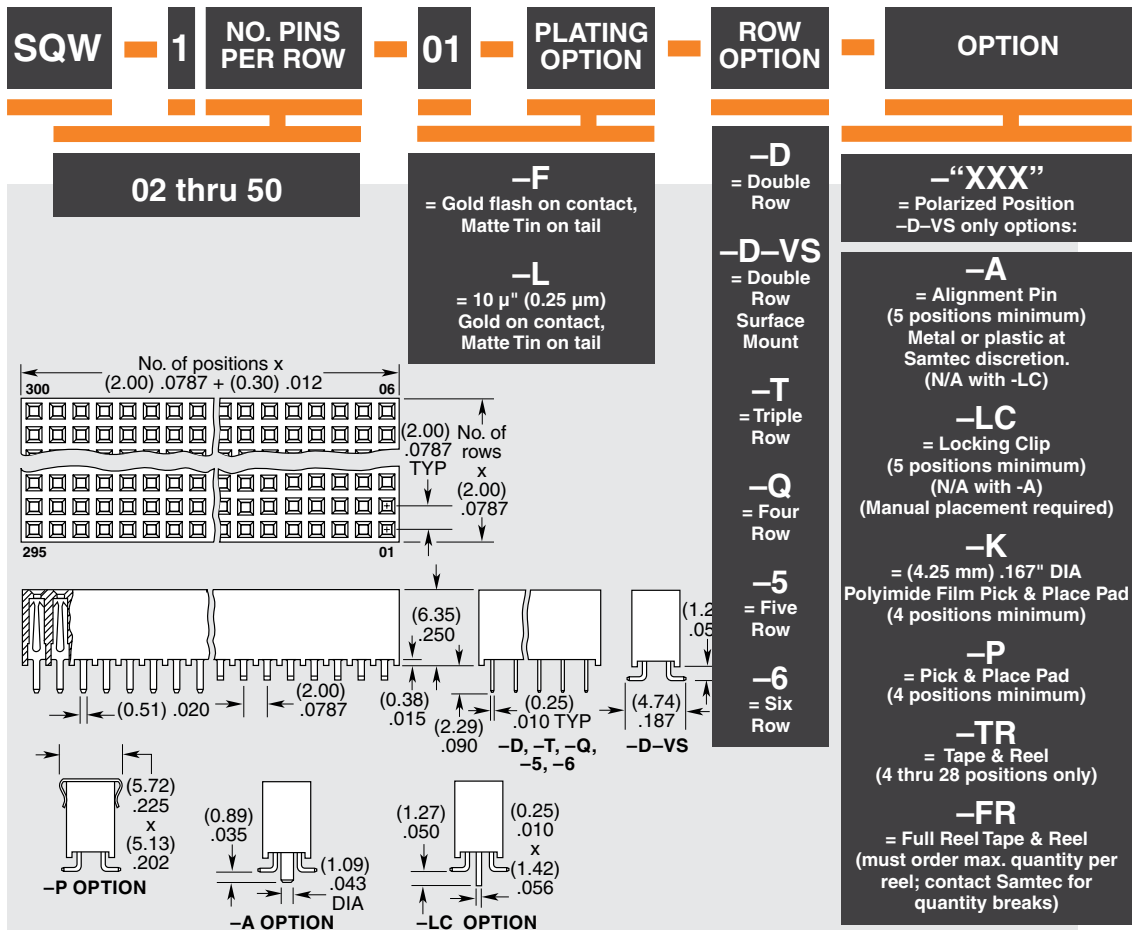
**Lead-Free Solderable:**  
Yes, for -D & -D-VS  
**(Wave only for -T, -Q, -5 & -6)**  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max (02-10)  
(0.15 mm) .006" max (11-50)\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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