

**SOLC SERIES**

**(1.27 mm) .050"**

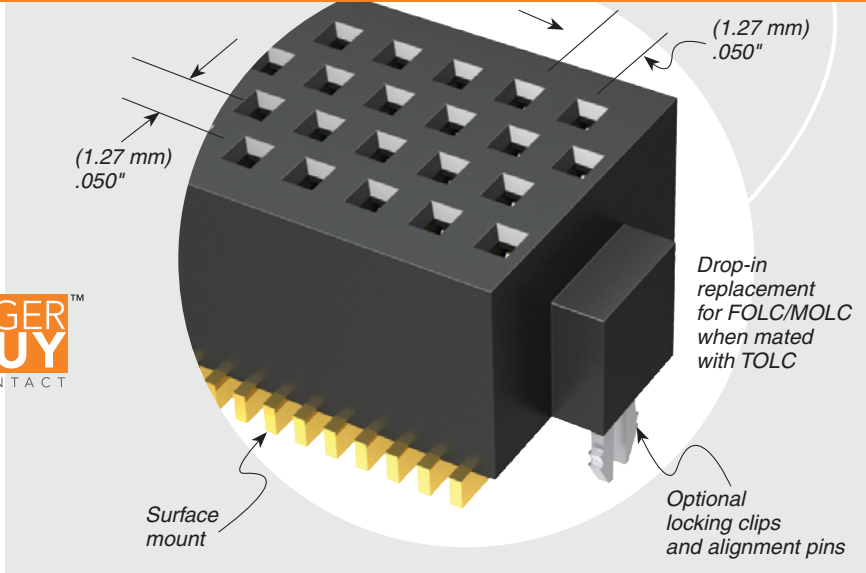
# QUAD ROW SMT SOCKET

## SPECIFICATIONS

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

- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** Phosphor Bronze
- Plating:** Au over 50 μ" (1.27 μm) Ni
- Current Rating:** 2.4 A per pin (6 adjacent pins powered)
- Operating Temp Range:** -55 °C to +125 °C
- Insertion Depth:** (1.68 mm) .066" to (3.61 mm) .142" with (0.38 mm) .015" wiper
- Normal Force:** 75 grams (0.74 N) average
- Max Cycles:** 100+
- RoHS Compliant:** Yes

Mates with: **TOLC**



Drop-in replacement for FOLC/MOLC when mated with TOLC

Optional locking clips and alignment pins

## PROCESSING

- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** (0.10 mm) .004" max (05-35) (0.15 mm) .006" max (40-50)\* (\*.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

## RECOGNITIONS

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



## OTHER SOLUTIONS

- For Micro Rugged, see the MOLC/FOLC pages located in the Tiger Eye™ section.

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

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

SOLC	1	NO. PINS PER ROW	02	PLATING OPTION	Q	OPTION
05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)			<p><b>-F</b> = Gold flash on contact, Gold flash on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Gold flash on tail</p>		<p><b>-A</b> = Alignment Pin (N/A with -LC)</p> <p><b>-LC</b> = Locking Clip (N/A with -A) (Manual placement required)</p> <p><b>-K</b> = (7.00 mm) .276" DIA Polyimide film Pick &amp; Place Pad</p> <p><b>-P</b> = Pick &amp; Place Pad</p> <p><b>-TR</b> = Tape &amp; Reel</p>	
<b>-A OPTION</b>		<b>-LC OPTION</b>		<b>-P OPTION</b>		

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

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

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