

SOLC SERIES

(1.27 mm) .050"

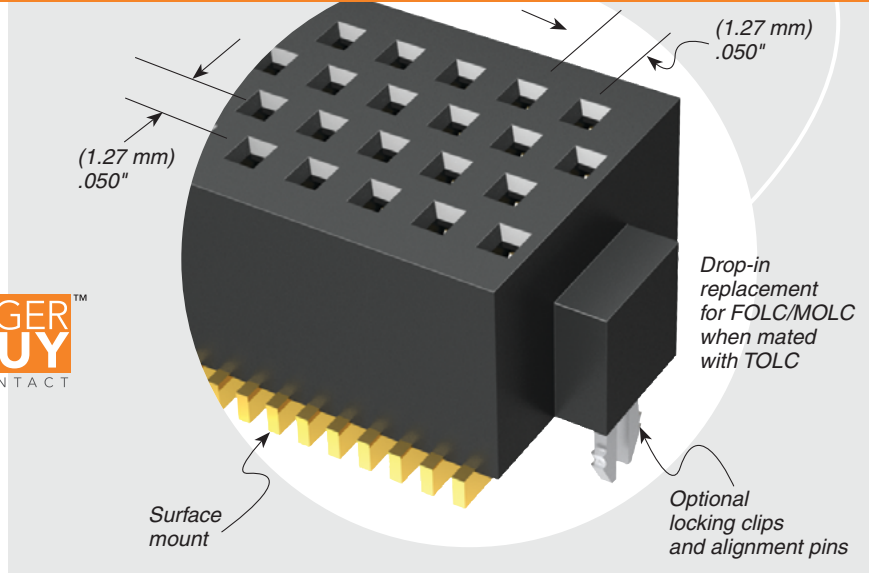
QUAD ROW SMT SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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)

RECOGNITIONS

For complete scope of recognitions see 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>-F = Gold flash on contact, Gold flash on tail</p> <p>-L = 10 μ" (0.25 μm) Gold on contact, Gold flash on tail</p>		<p>-A = Alignment Pin (N/A with -LC)</p> <p>-LC = Locking Clip (N/A with -A) (Manual placement required)</p> <p>-K = (7.00 mm) .276" DIA Polyimide film Pick & Place Pad</p> <p>-P = Pick & Place Pad</p> <p>-TR = Tape & Reel</p>	
-A OPTION		-LC OPTION		-P OPTION		

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

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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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