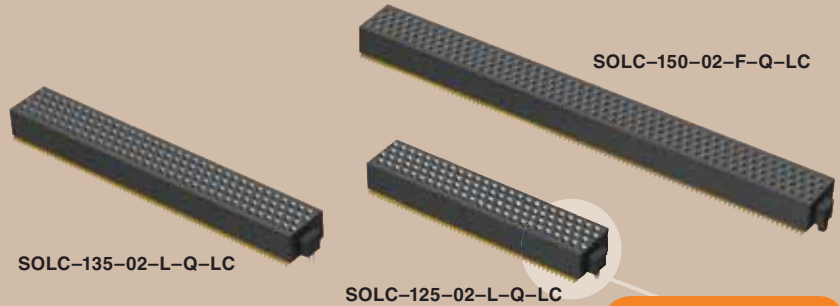




(1,27 mm) .050"



**SOLC SERIES**

# 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 50µ" (1,27 µm) Ni

**Current Rating:** 2.4 A per pin

(6 adjacent pins powered)

**Operating Temp Range:** -55°C to +125°C

**Contact Resistance:** 10 mΩ

**Insertion Depth:** (1,68 mm) .066" to (3,61 mm) .142" with (0,38 mm) .015" wiper

**Insertion Force:** (Single contact only) 2.0 oz (0,56 N) average

**Normal Force:** 75 grams (0,74 N) average

**Withdrawal Force:** (Single contact only) 1.5 oz (0,42 N) average

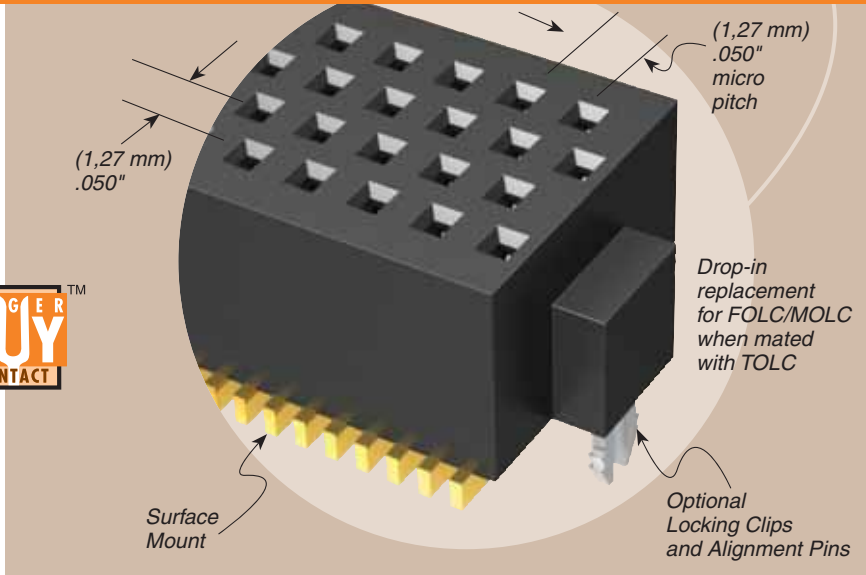
**Max Cycles:** 100+

**RoHS Compliant:** Yes

**Processing:** Lead-Free Solderable: Yes

**SMT Lead Coplanarity:** (0,10 mm) .004" max (05-35) (0,15 mm) .006" max (40-50)

Mates with: TOLC



**05, 10, 15, 20, 25, 30, 35, 40, 45, 50**  
(Standard sizes)

**-F**  
= Gold flash on contact, Gold flash on tail

**-L**  
= 10µ" (0,25 µm) Gold on contact, Gold flash on tail

**-A**  
= Alignment Pin (N/A with -LC)

**-LC**  
= Locking Clip (N/A with -A) (Manual placement required)

**-K**  
= (7,00 mm) .276" DIA Polyimide film Pick & Place Pad

**-P**  
= Pick & Place Pad

**-TR**  
= Tape & Reel

## RECOGNITIONS

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



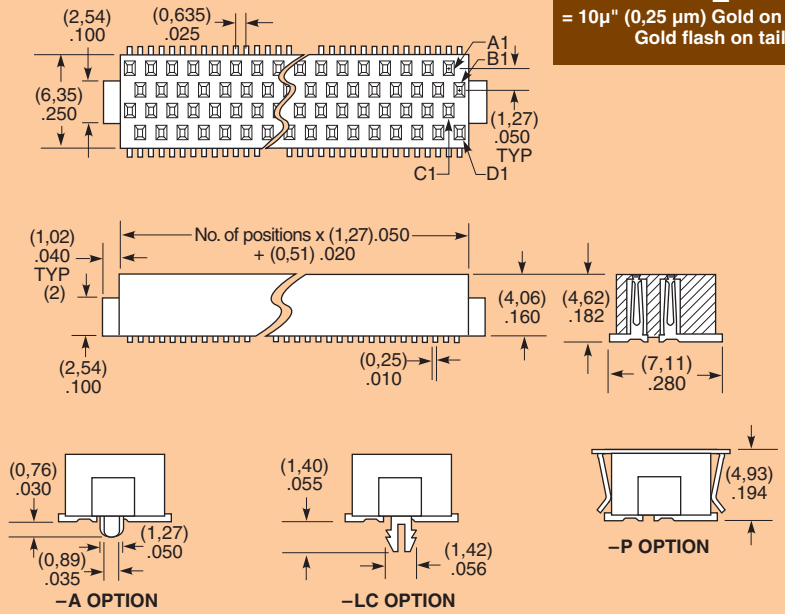
## OTHER SOLUTIONS

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

## ALSO AVAILABLE (MOQ Required)

• Other sizes  
• Other platings  
Contact Samtec.

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



**TAPE & REEL AVAILABILITY**

No tooling charges.  
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.

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

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