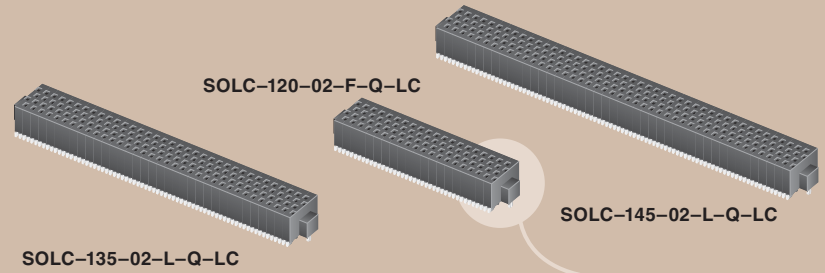




(0,635mm) .025"

SOLC SERIES



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 50µ" (1,27µm) Ni



Current Rating: 2.5A @ 80°C ambient
Operating Temp Range: -55°C to +125°C

Contact Resistance: 10 mΩ max

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

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

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

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

Max Cycles: 100+

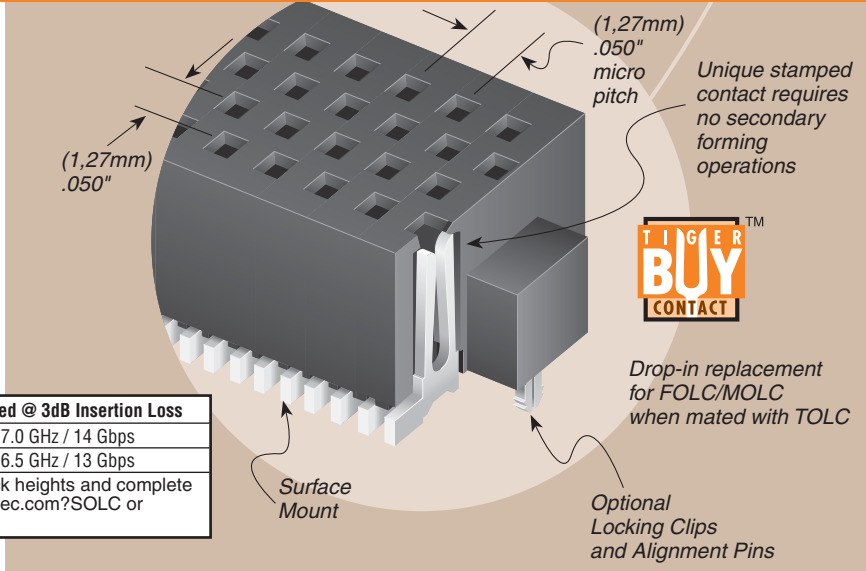
RoHS Compliant: Yes

Processing:

Lead-Free Solderable: Yes

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

Mates with:
TOLC



6,35mm Stack Height	Rated @ 3dB Insertion Loss
Single-Ended Signaling	7.0 GHz / 14 Gbps
Differential Pair Signaling	6.5 GHz / 13 Gbps

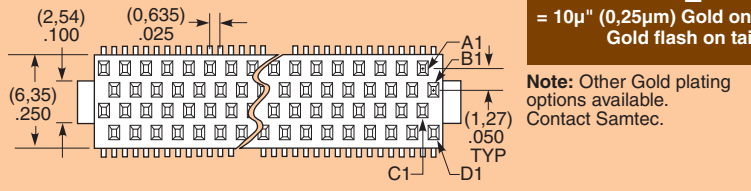
Performance data for other stack heights and complete test data available at www.samtec.com?SOLC or contact sig@samtec.com.



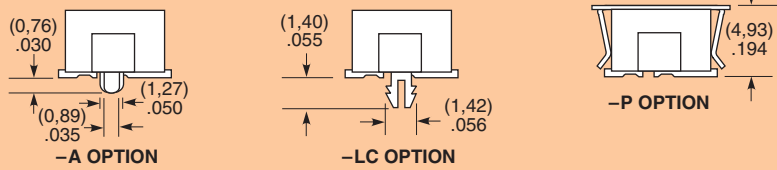
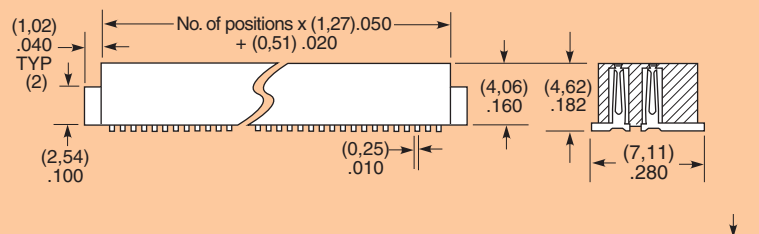
05, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Call Samtec for other sizes)

-F = Gold flash on contact, Gold flash on tail
 -L = 10µ" (0,25µm) 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 = (7,00mm) .276" DIA Polyimide film Pick & Place Pad
 -P = Pick & Place Pad
 -TR = Tape & Reel



Note: Other Gold plating options available. Contact Samtec.



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.

ALSO AVAILABLE

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

Note: Some sizes, 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