

Surface
SMT
Mount

QUAD ROW SOCKET SOLC SERIES

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+

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

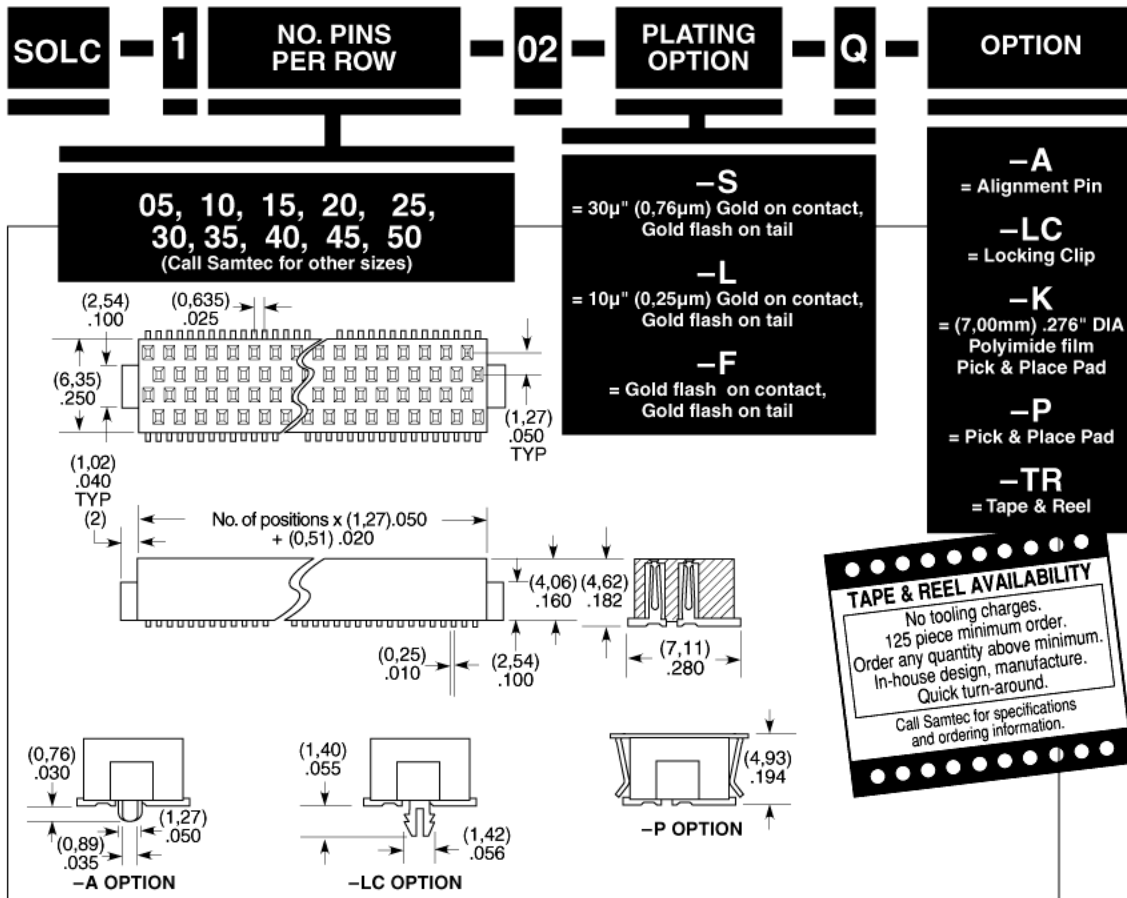
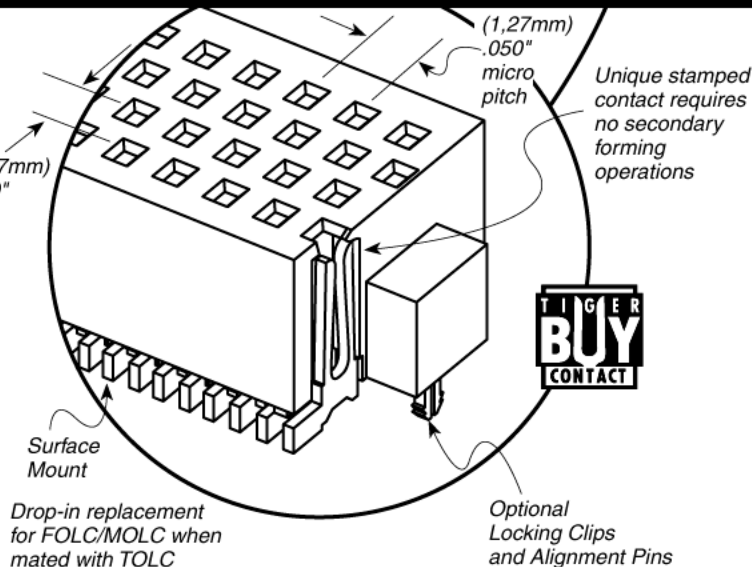
Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (05-35)

(0,15mm) .006" max (40-50)

Mates with:
TOLC



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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-87420413
SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319
SAMTEC KOREA • Tel: 82-31-717-5685 • Fax: 82-31-717-5681
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-53854047
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: 91 80 306 21 612 • Fax: 91 80 4152 8187
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745

TAPE & REEL AVAILABILITY
 No tooling charges.
 125 piece minimum order.
 Order any quantity above minimum.
 In-house design, manufacture.
 Quick turn-around.
 Call Samtec for specifications and ordering information.