

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" wiper

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

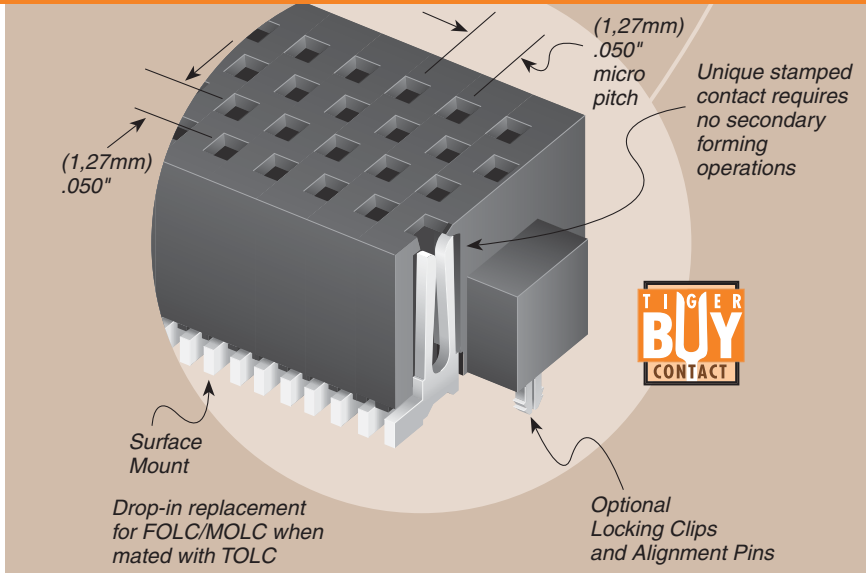
Processing:

Max Processing Temp:
230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable:
Yes

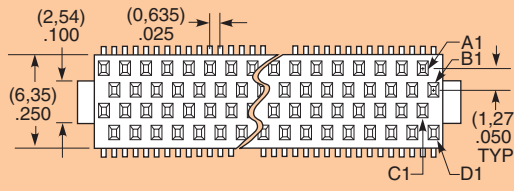
SMT Lead Coplanarity:
(0,10mm) .004" max (05-35)
(0,15mm) .006" max (40-50)

Mates with:
TOLC



SOLC	1	NO. PINS PER ROW	02	PLATING OPTION	Q	OPTION
-------------	----------	-------------------------	-----------	-----------------------	----------	---------------

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



-S
= 30µ" (0,76µm) Gold on contact, Gold flash on tail

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

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

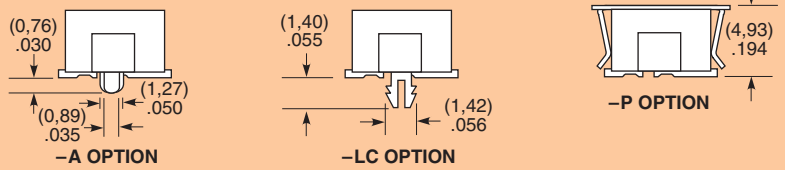
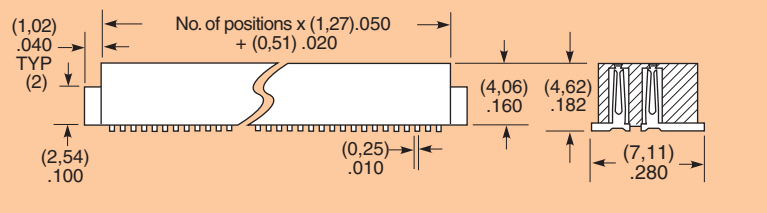
-A
= Alignment Pin

-LC
= Locking Clip

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

-P
= Pick & Place Pad

-TR
= Tape & Reel



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.

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