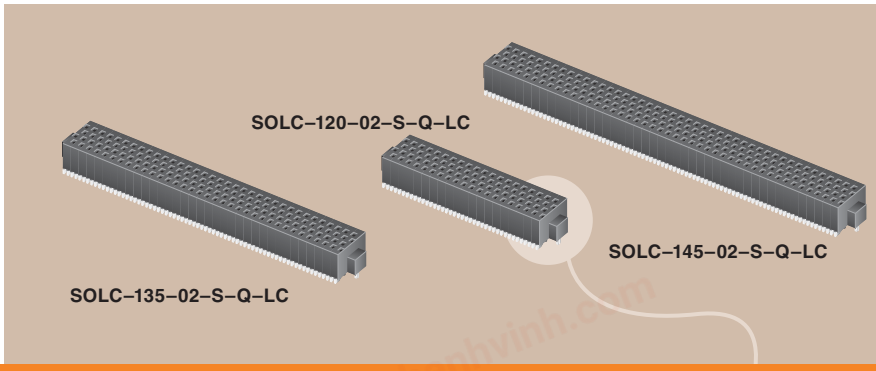
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samtec

FOURRAY™



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+
RoHS Compliant:
Yes

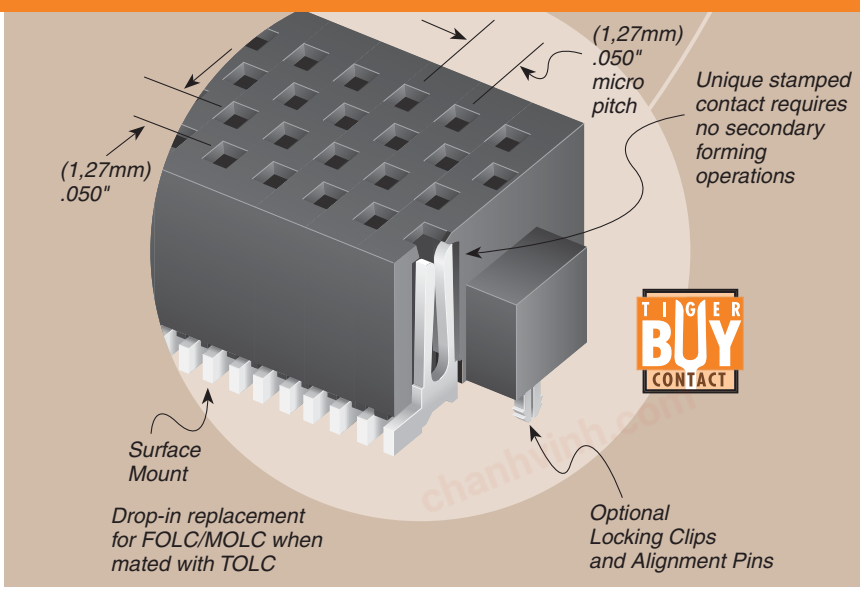
FILE NO. E111594

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)

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

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

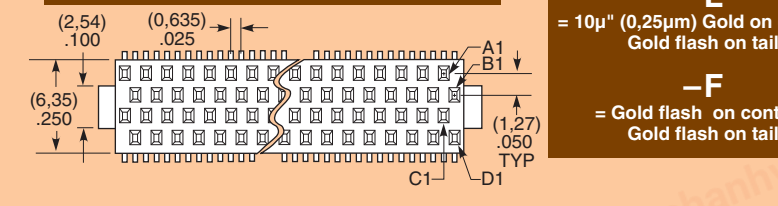
–A
= Alignment Pin

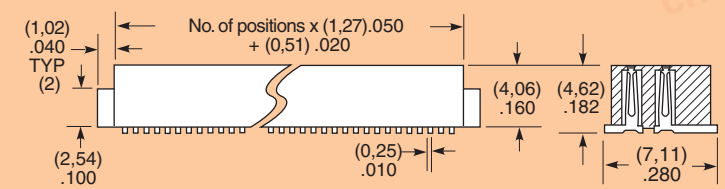
–LC
= Locking Clip

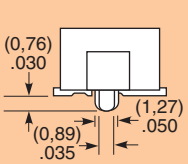
–K
= (7,00mm) .276" DIA Polyimide film Pick & Place Pad

–P
= Pick & Place Pad

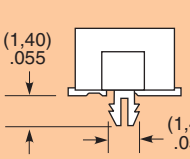
–TR
= Tape & Reel



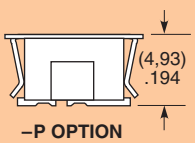




–A OPTION



–LC OPTION



–P OPTION

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.

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

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