

Surface
SMT
Mount

QUAD ROW SOCKET SOLC SERIES

SPECIFICATIONS

Materials:

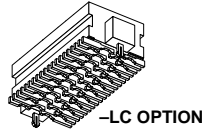
Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Current Rating: 2.5A @ 80°C ambient
Operating Temp Range: -65°C to +125°C
Plating: Au over 50µ" (1,27µm) Ni
Contact Resistance: 10 mΩ max
Insertion Depth: (1,68mm) .066" to (3,61mm) .142" with (0,38mm) .015" wipe
Insertion Force: 2.0oz (0,56N) average
Normal Force: 75 grams (0,74N) average
Withdrawal Force: 1.5oz (0,42N) average
Max Cycles: 100+



Mates with:
TOLC

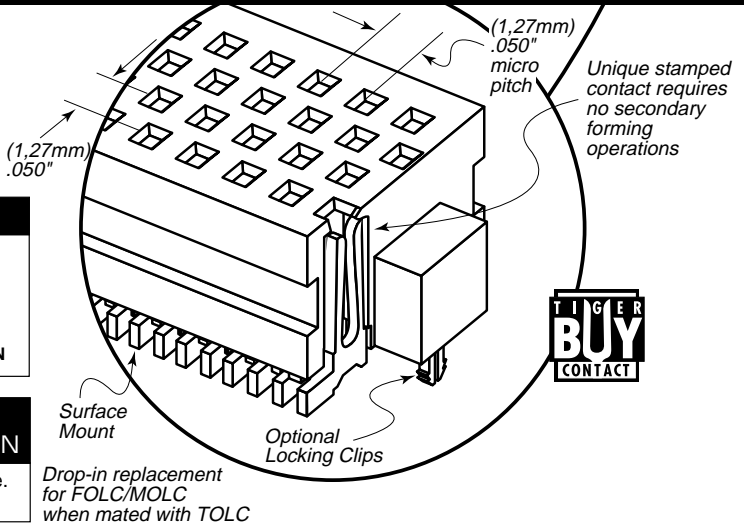
4
ROW

OPTIONS

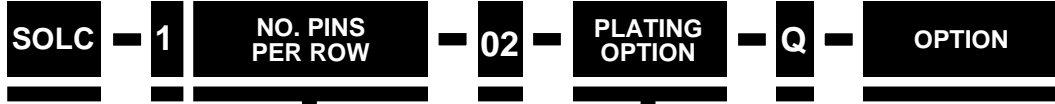


APPLICATION SPECIFIC OPTION

Alignment pins available.
Call Samtec.



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



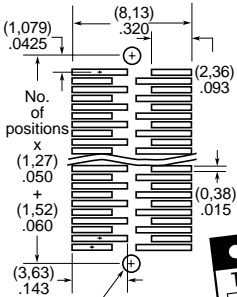
05, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Call Samtec for other sizes)

- 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

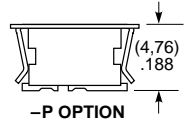
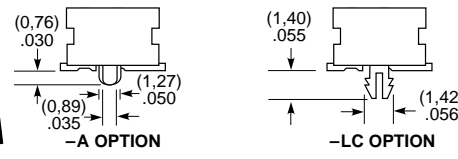
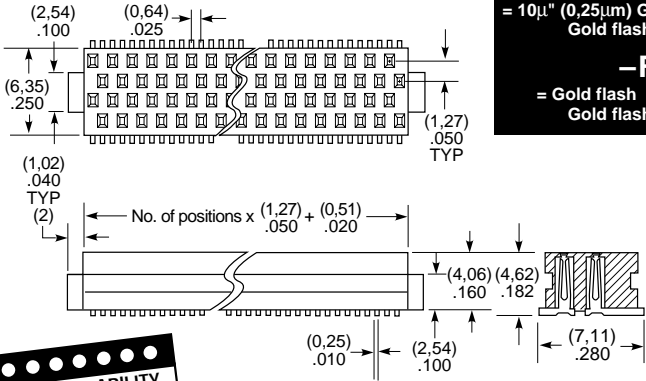
- A**
= Alignment Pin
- LC**
= Locking Clip
- K**
(Best Cost Option)
= (7,00mm) .276" DIA Polyamide film Pick & Place Pad
- P**
= Plastic Pick & Place Pad
- TR**
= Tape & Reel

Processing:

Max Processing Temp: 230°C for 60 seconds
SMT Lead Coplanarity: (0,10mm) .004" max (20-35) (0,15mm) .006" max (40-50)
Suggested Paste Thickness: For most applications add (0,05mm) .002" to max SMT lead coplanarity
Suggested PCB Layouts: Your specific layout may vary



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.