

TABLE 1	
LEAD STYLE	BOARD SPACE WHEN MATED WITH TOLC
-02	.250 [6.35]

DO NOT SCALE FROM THIS PRINT

SOLC-1XX-XX-XXX-Q-XX-X-XX

NO OF POSITIONS  
-05, -10, -15, -20, -25  
-30, -35, -40, -45, -50  
(PER ROW)

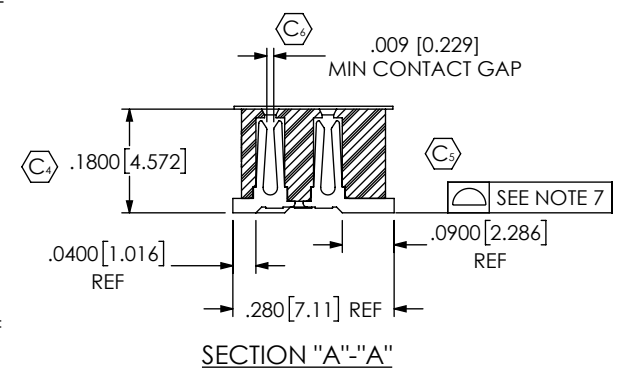
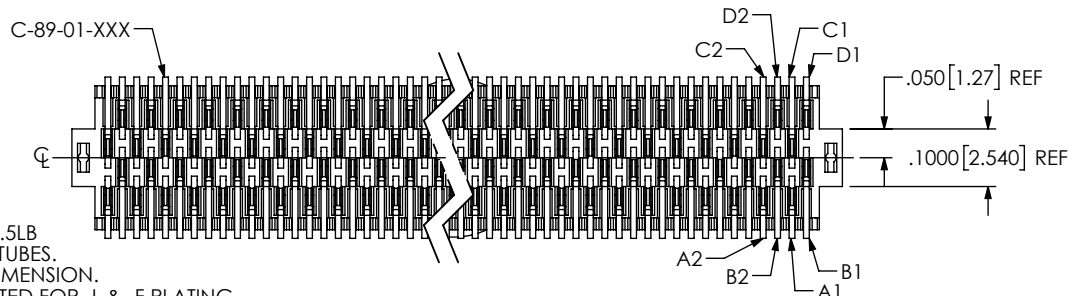
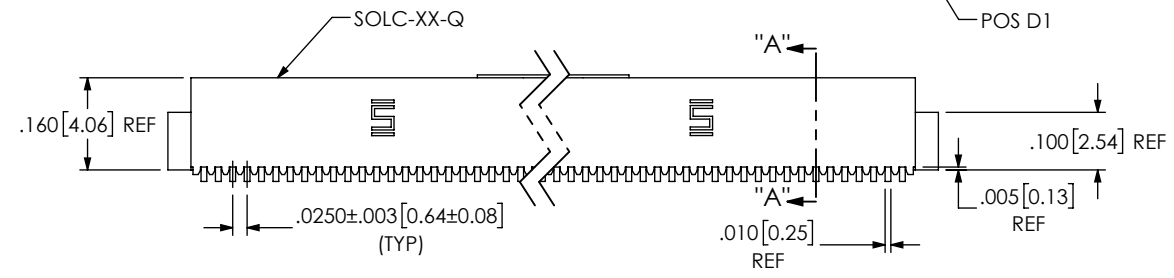
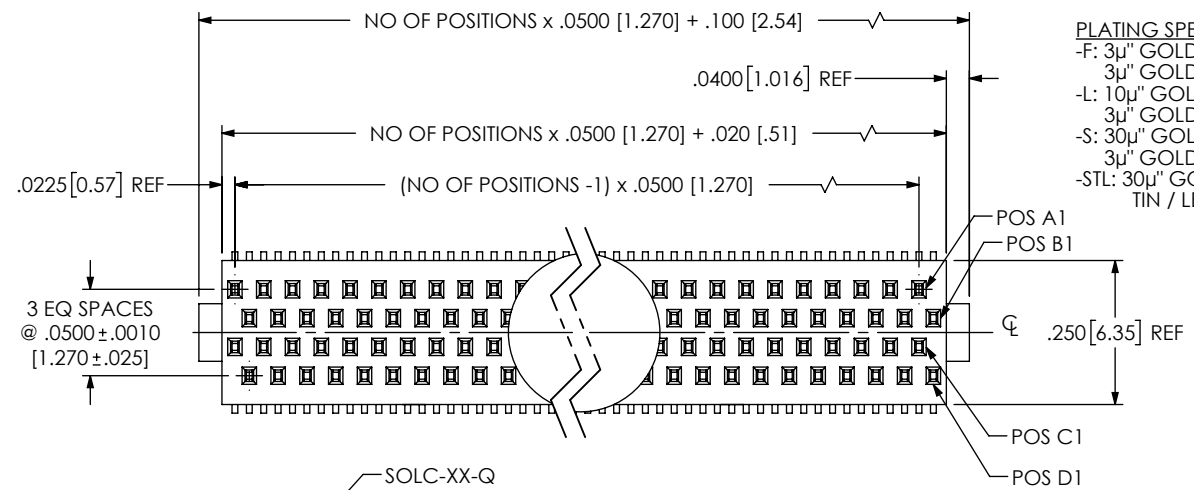
LEAD STYLE  
-02: (USE C-89-01-XXX)

PACKAGING  
BLANK: TUBES (SEE NOTE 2)  
-TR: TAPE & REEL (SEE NOTE 8 & 9)  
-FR: FULL REEL QTY TAPE & REEL (SEE NOTE 8 & 9)

PICK & PLACE OPTION  
-P: PICK & PLACE PAD (USE MPP-07, SEE FIG 4, SHT 2)  
-K: POLYIMIDE FILM PAD (SEE FIG 5, SHT 2)  
(USE K-DOT-.276-.375-.005)

OPTIONS  
-LC: LOCKING CLIP (SEE FIG 2, SHT 2) (SEE NOTE 5)  
NOT AVAILABLE WITH -A  
-A: ALIGNMENT PINS (SEE FIG 3, SHT 2)  
(USE SOLC-XX-Q-A)  
(NOT AVAILABLE WITH -LC)

ROW SPEC  
-Q: QUAD  
(USE SOLC-XX-Q)



- NOTES:
1. MINIMUM PUSHOUT FORCE: .5LB
  2. PARTS TO BE PACKAGED IN TUBES.
  3. Ⓢ INDICATES A CRITICAL DIMENSION.
  4. -S PLATING CAN BE SUBSTITUTED FOR -L & -F PLATING.
  5. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
  6. INSULATOR MATERIAL: LCP, UL 94 V0
  7. COPLANARITY:  
-05 THRU -30 POSITION: .0040 [1.02]  
-35 THRU -50 POSITION: .0060 [1.52]
  8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
  9. ATTACH LABEL TO EACH REEL

FIG 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [0.3]	5°
.XXX: ±.005 [0.13]	
.XXXX: ±.0020 [0.051]	

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DO NOT SCALE DRAWING SHEET SCALE: 3:1

MATERIAL:  
INSULATOR: VECTRA E130i, COLOR: BLACK  
CONTACT: PHOS BRONZE

MAX FLASH ALLOWED: .002 [0.05]  
MAX GATE VESTIGE: .002 [0.05]

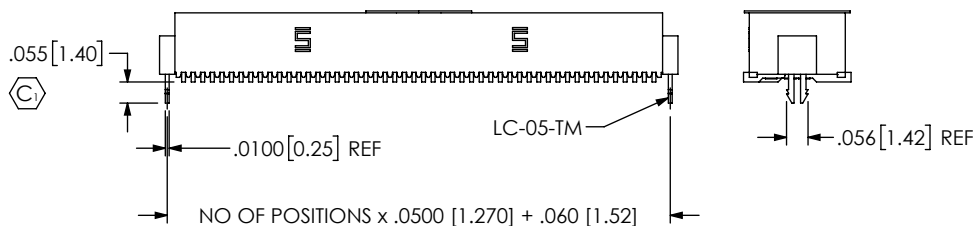
F:\DWG\MISC\MKTG\SOLC-1XX-XX-XXX-Q-XX-X-XX-MKT.SLDRW

DESCRIPTION:  
QUAD ROW STAGGERED SMT SOCKET ASM

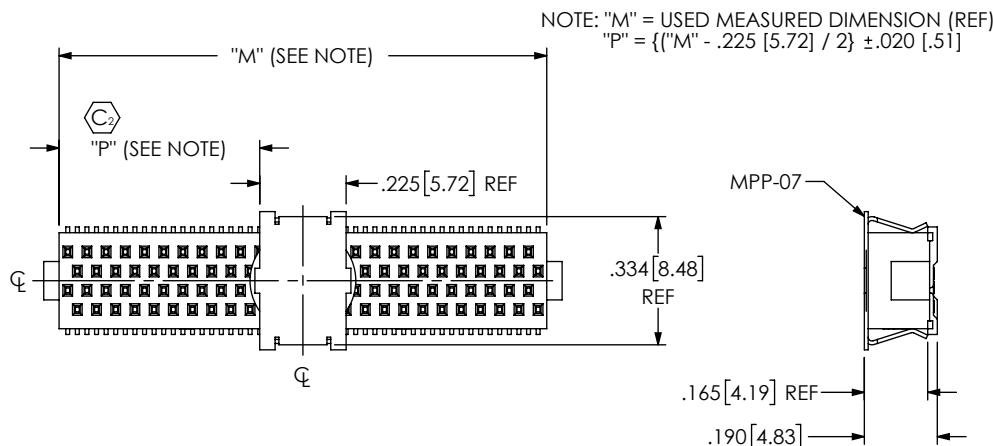
DWG. NO.  
SOLC-1XX-XX-XXX-Q-XX-X-XX

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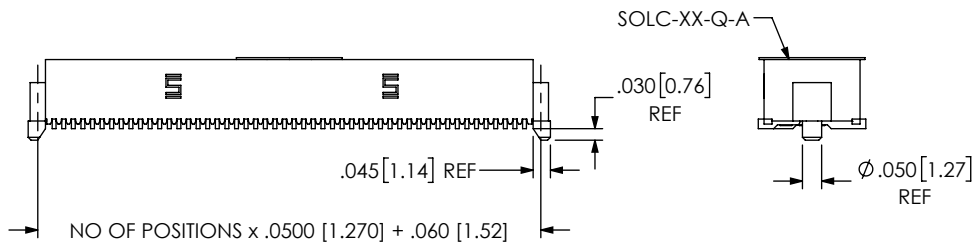
**FIG 2**  
-LC OPTION  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)



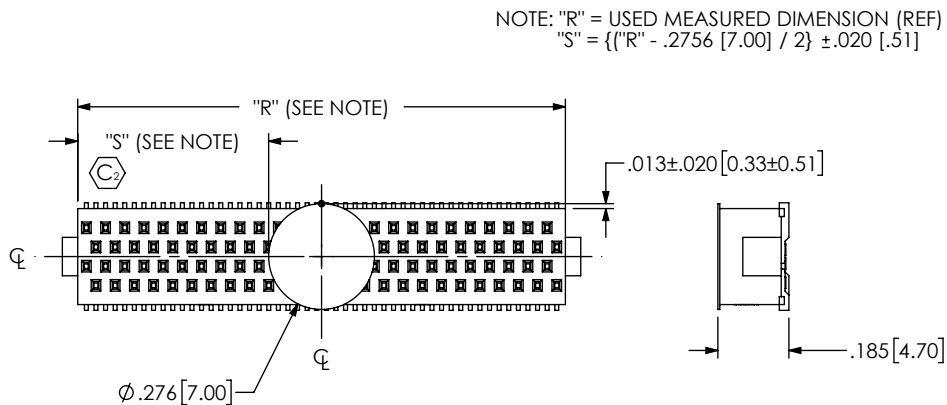
**FIG 4**  
-P OPTION  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)



**FIG 3**  
-A MOLDED  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

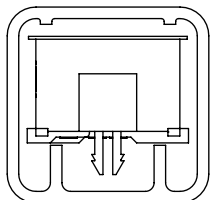


**FIG 5**  
-P POLYIMIDE FILM PAD  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

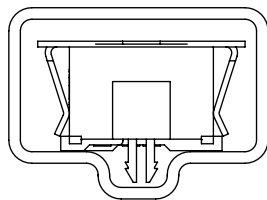


**PACKAGING VIEW**

TABLE		
NO OPTION, -LC, -A, -K, -K-LC, -K-A	PT-1-24-11-63	TP-09
-P, -P-LC, -P-A	PT-1-24-01-61	TP-03



PT-1-24-11-63 TUBE  
TP-09 PLUG



PT-1-24-01-61 TUBE  
TP-03 PLUG

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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DESCRIPTION:  
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