

DO NOT  
SCALE FROM  
THIS PRINT

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

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

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

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

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)

-TR: TAPE & REEL

-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)

PLATING SPEC

-F: 3μ" GOLD IN CONTACT AREA  
3μ" GOLD ON TAIL

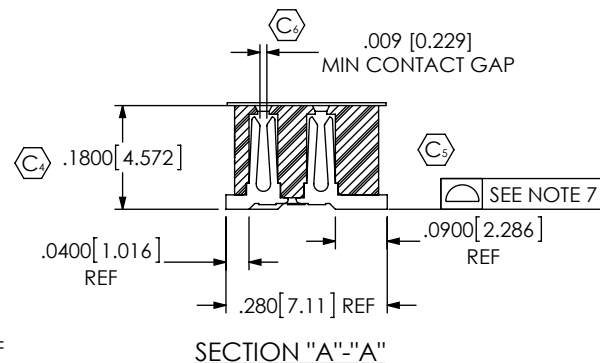
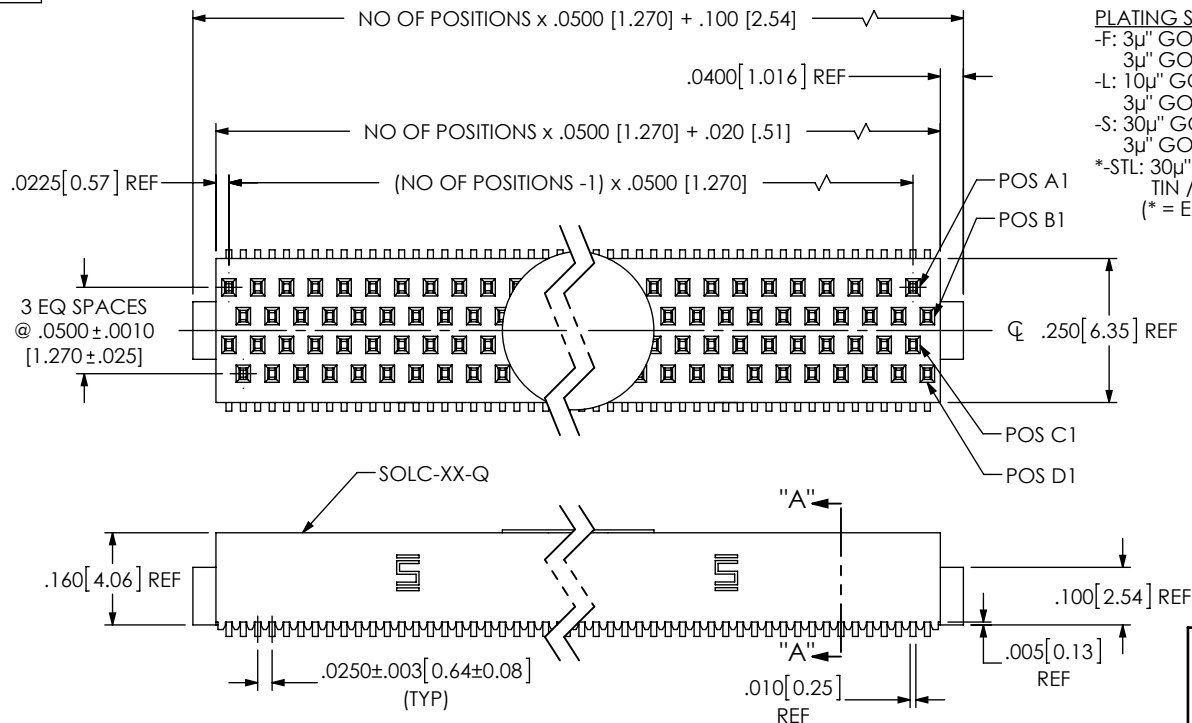
-L: 10μ" GOLD IN CONTACT AREA  
3μ" GOLD ON TAIL

-S: 30μ" GOLD IN CONTACT AREA  
3μ" GOLD ON TAIL

\*-STL: 30μ" GOLD IN CONTACT AREA  
TIN / LEAD ON TAIL  
(\* = EXISTING CUSTOMERS ONLY)

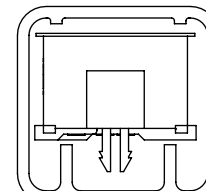
ROW SPEC

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

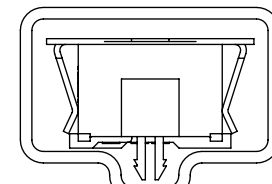


# PACKAGING VIEW

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



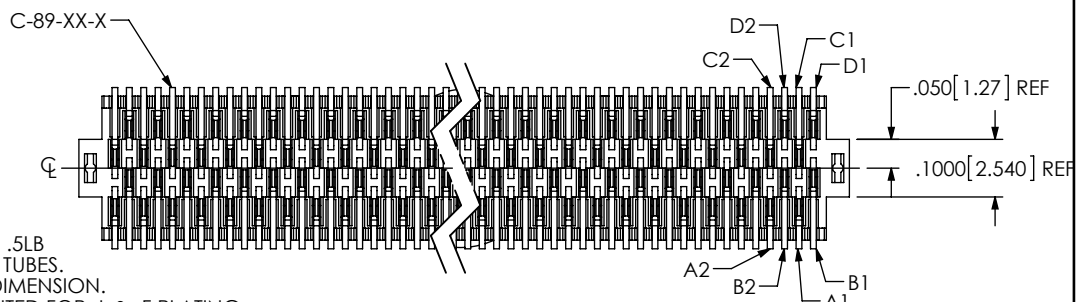
PT-1-24-11-63 TUBE  
TP-09 PLUG



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

- 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 [.102]  
-35 THRU -50 POSITION: .0060 [.152]

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-MKT.SLDDRW

DESCRIPTION:  
QUAD ROW STAGGERED SMT SOCKET ASM

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

BY: TIM P. 2/11/2013 SHEET 1 OF 2

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

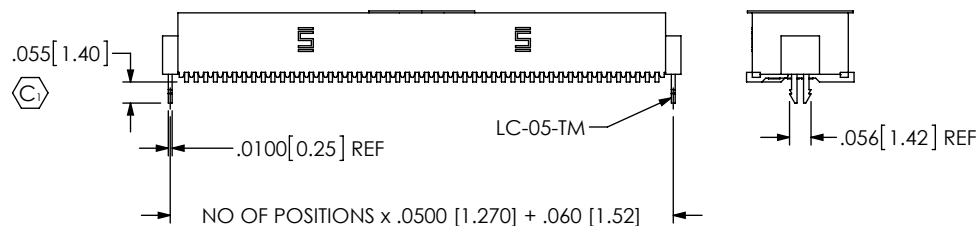


FIG 4  
-P OPTION  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

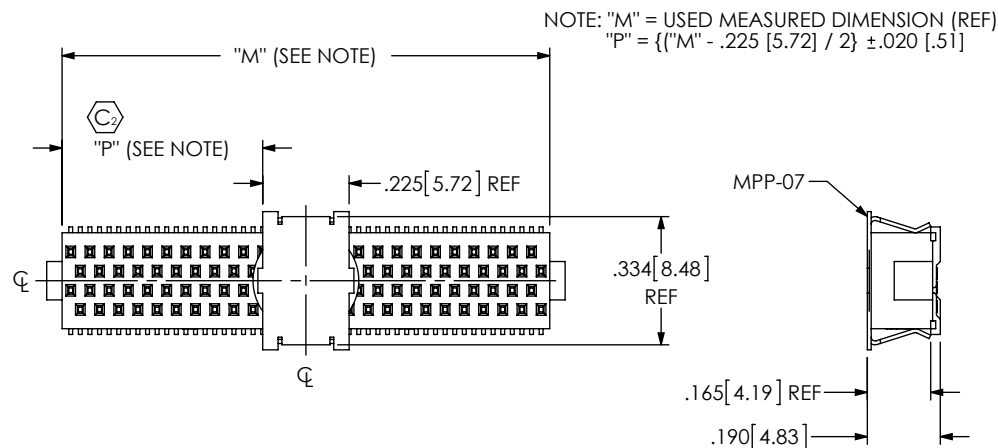


FIG 3  
-A MOLDED  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

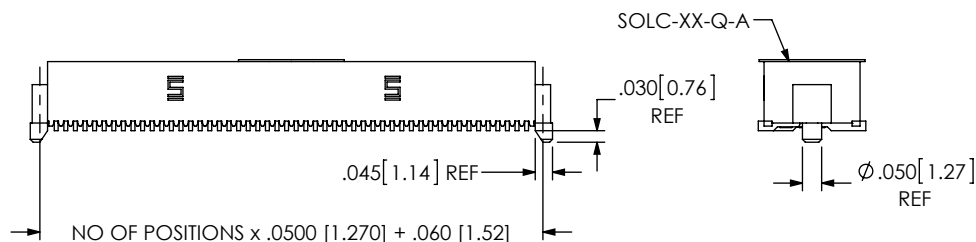
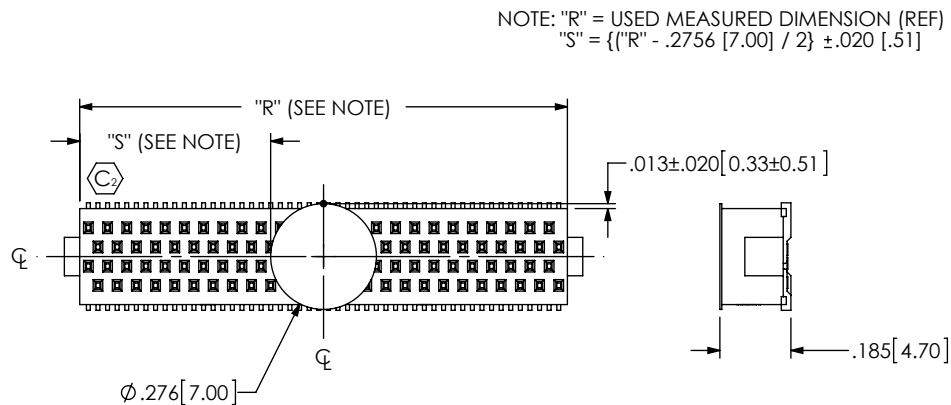


FIG 5  
-P POLYIMIDE FILM PAD  
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)



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SHEET SCALE: 2:1

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

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