

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)

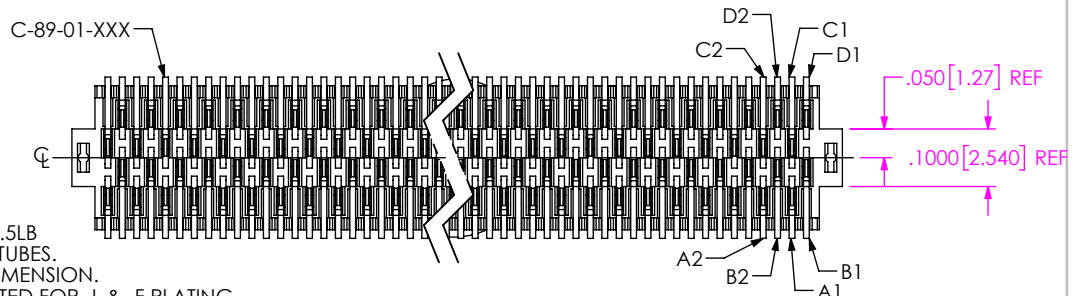
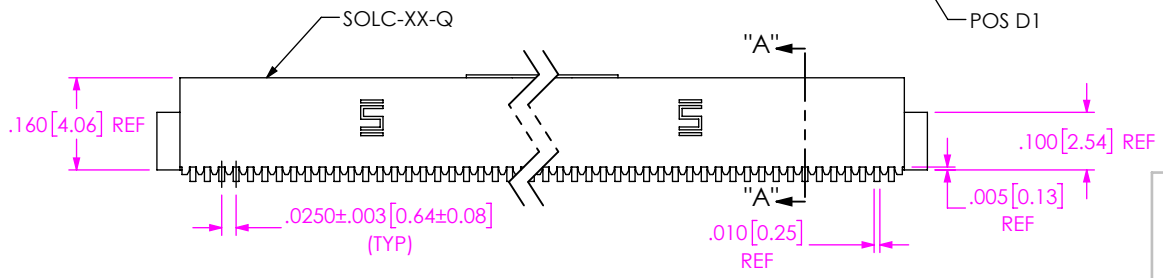
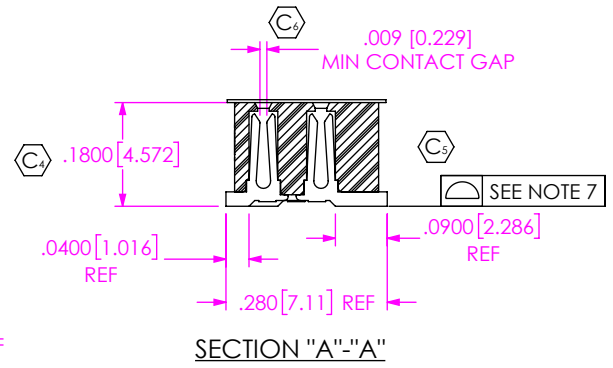
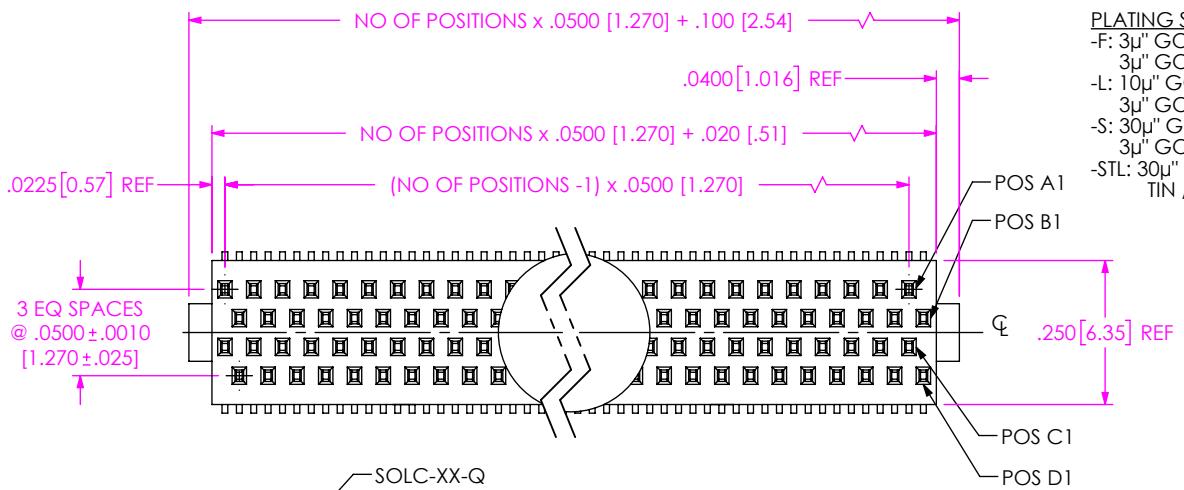
LEAD STYLE
-02: (USE C-89-01-XXX)

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

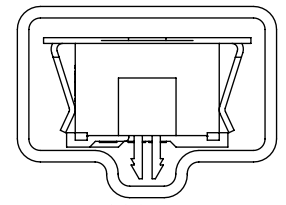
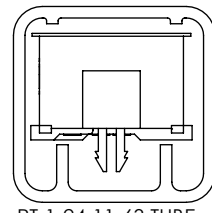
ROW SPEC
-Q: QUAD
(USE SOLC-XX-Q)



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

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



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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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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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

DO NOT SCALE DRAWING SHEET SCALE: 3:1

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)

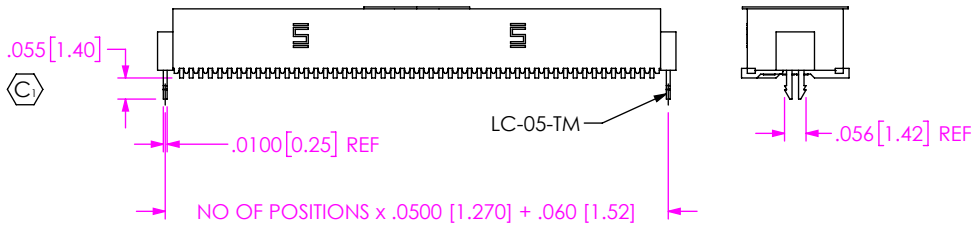


FIG 4
-P OPTION
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

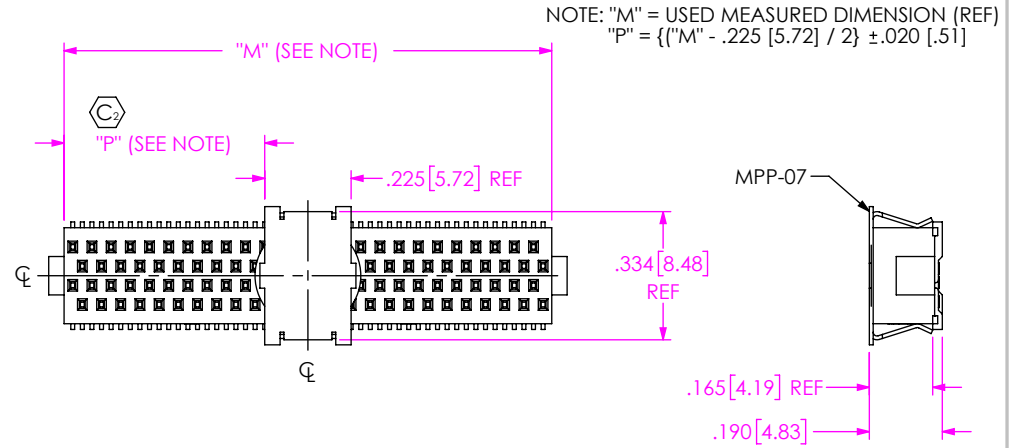


FIG 3
-A MOLDED
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

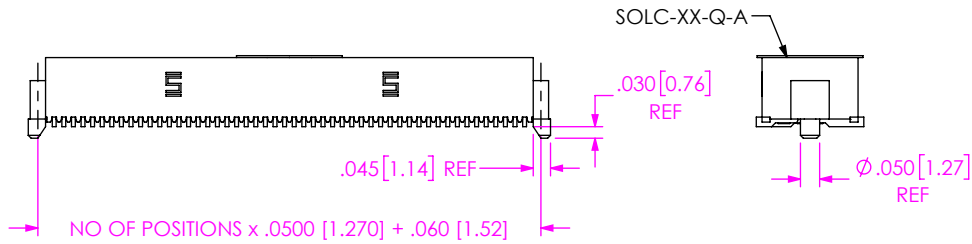
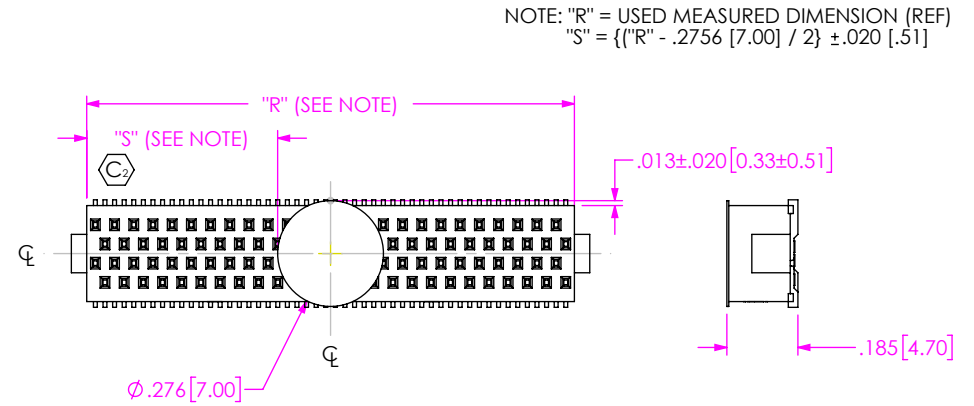


FIG 5
-P POLYIMIDE FILM PAD
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)



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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

samtec

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DESCRIPTION:
QUAD ROW STAGGERED SMT SOCKET ASM

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

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