

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)

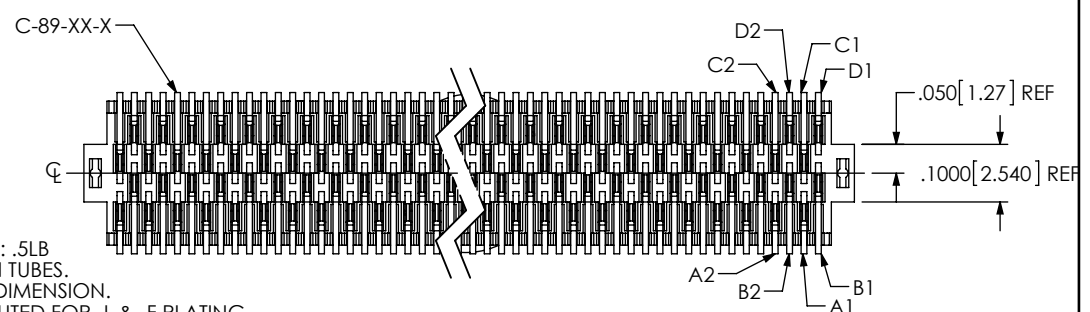
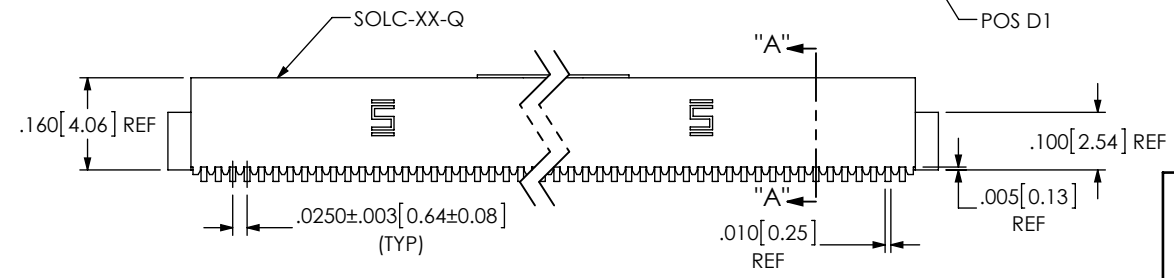
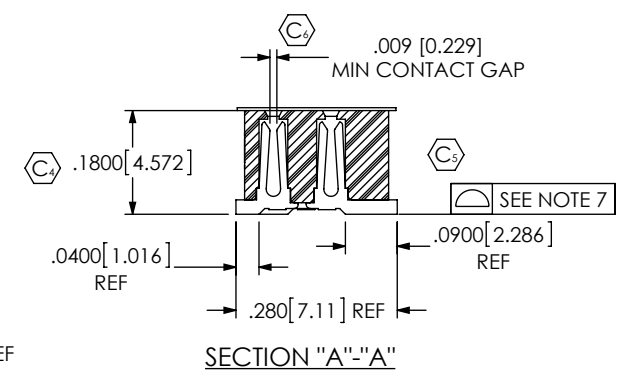
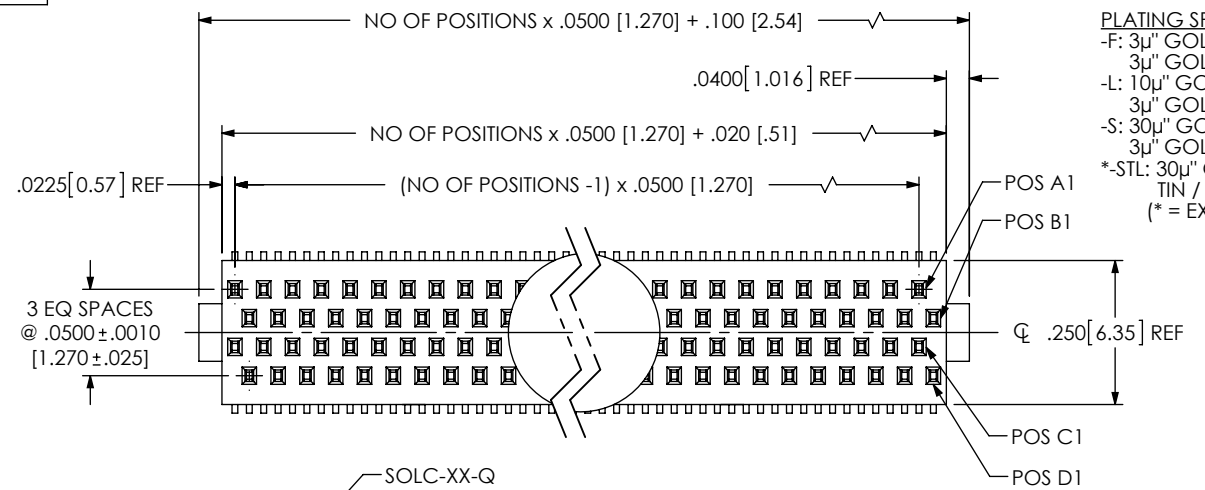
LEAD STYLE
-02: (USE C-89-01-X)

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)

DO NOT SCALE FROM THIS PRINT



- 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 [0.102]
-35 THRU -50 POSITION: .0060 [0.152]

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [0.3] 5° .XXX: ±.005 [0.13] .XXXX: ±.0020 [0.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com ecode 55322</p>
MATERIAL: INSULATOR: VECTRA E130I, COLOR: BLACK CONTACT: PHOS BRONZE	DESCRIPTION: QUAD ROW STAGGERED SMT SOCKET ASM	
MAX FLASH ALLOWED: .002 [0.05] MAX GATE VESTIGE: .002 [0.05]	DWG. NO. SOLC-1XX-XX-XXX-Q-XX	
F:\DWG\MISC\MKTG\SOLC-1XX-XX-XXX-Q-XX-MKT.SLDDRW	BY: TIM P. 2/11/2013	SHEET 1 OF 2

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

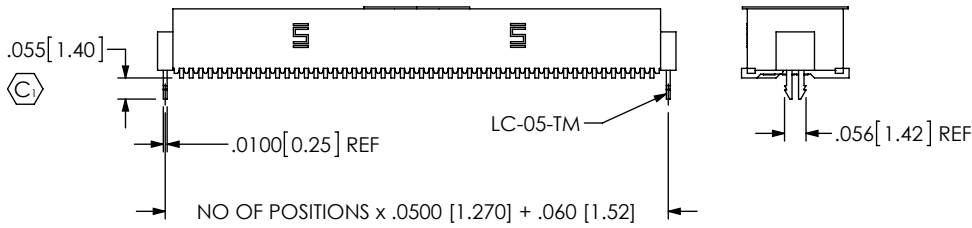


FIG 4
-P OPTION
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

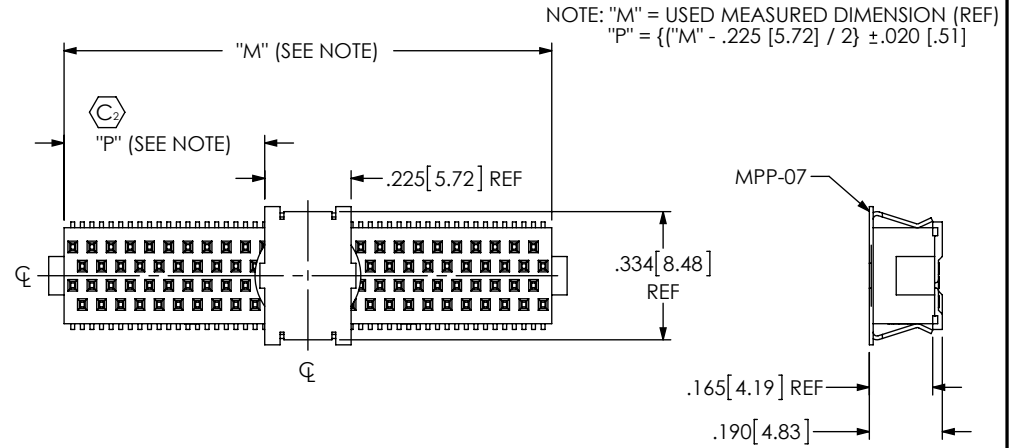


FIG 3
-A MOLDED
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)

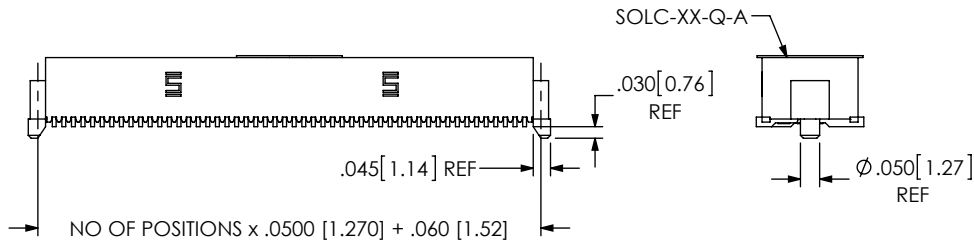
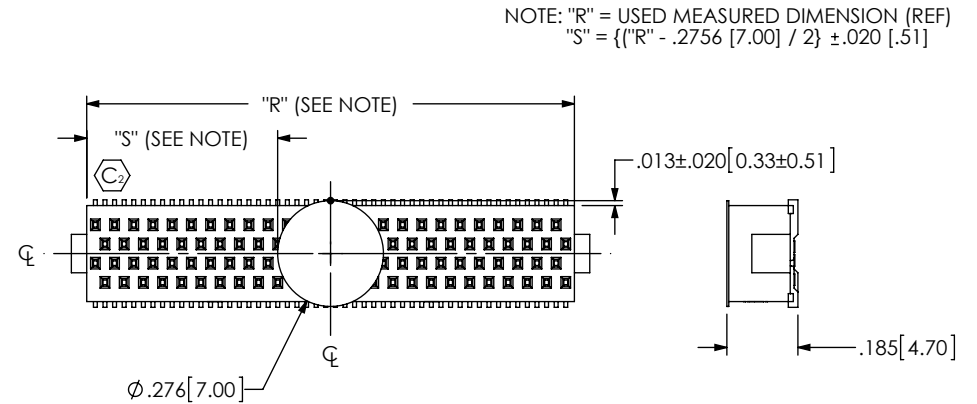


FIG 5
-P POLYIMIDE FILM PAD
(DIFFERENT AS SHOWN, OTHER WISE SAME AS FIG 1)



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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