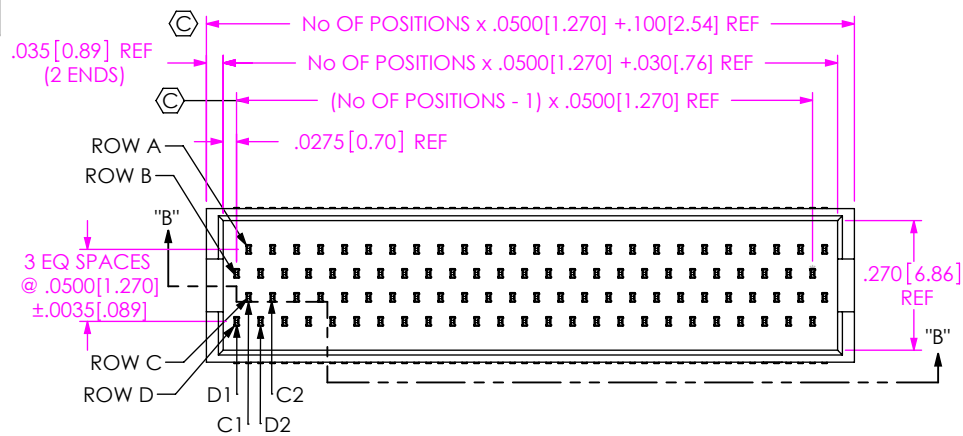


DO NOT SCALE FROM THIS PRINT



TOLC-1XX-XX-X-Q-XX

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

LEAD STYLE
 (SEE TABLE T)
 -02, -12, -22, -32

PLATING SPEC
 (VALUES GIVEN ARE
 IN MICRO-INCHES)

-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
 -L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
 -F: FLASH GOLD, 3 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL

OPTIONS
 -LC: LOCKING CLIP (SEE NOTE 5)
 (USE LC-09-TM)
 (NOT AVAILABLE WITH -A)
 -P: PICK & PLACE PAD
 (EXISTING CUSTOMER SUPPORT ONLY)
 (USE ASP-90590-01-S)
 -TR: TAPE & REEL
 -A: ALIGNMENT PIN
 (USE TOLC-XX-Q-A FOR STYLE -02 AND
 TOLCH-XX-Q-A FOR STYLES -12, -22
 & -32)
 (NOT AVAILABLE WITH -LC)
 -PL: PLASTIC PICK & PLACE PAD
 (USE ASP-90590-01-S)
 -K: POLYIMIDE FILM PAD
 (.005[.13] THICK W SILICON ADHESIVE)
 (USE K-850-650)
 ROW SPEC
 -Q: QUAD
 (USE TOLC-XX-Q)

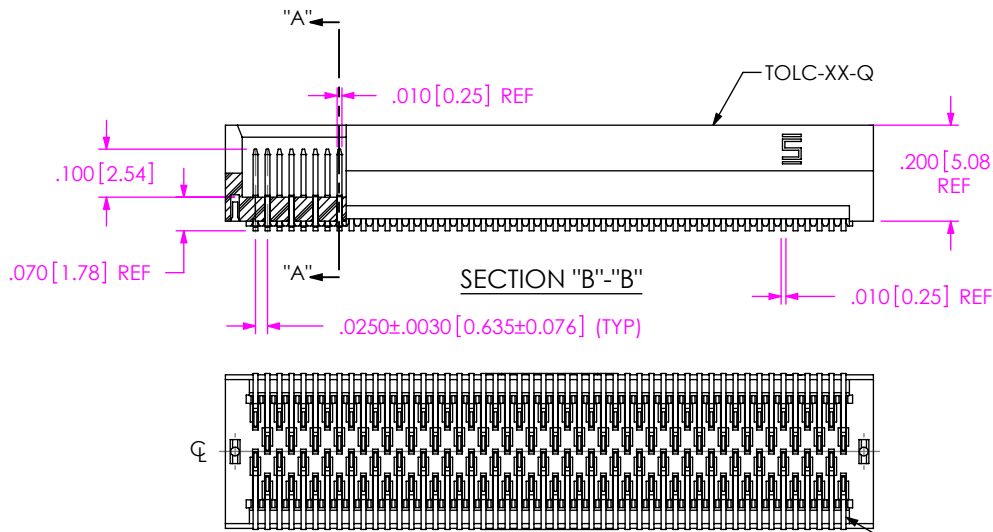
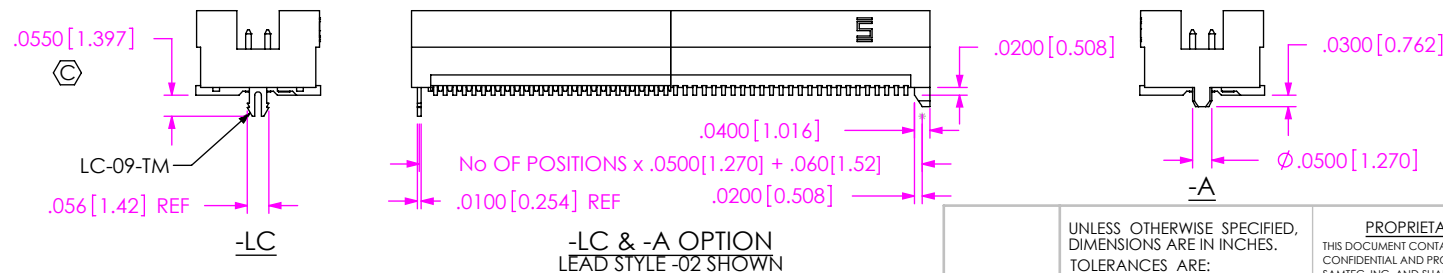


FIG 1



| LEAD STYLE | "A" | USE TERMINAL | SEE FIG | BOARD SPACE WHEN MATED WITH SOLC |
|------------|---------------|-----------------|---------|----------------------------------|
| -02 | .2200[5.588] | T-1M13-01-XXX-2 | 1 | .2500[6.350] |
| -12 | .2850[7.239] | T-1M14-02-XXX-2 | 2 | .3150[8.000] |
| -22 | .3637[9.238] | T-1M14-03-XXX-2 | 2 | .3937[10.000] |
| -32 | .4424[11.237] | T-1M14-04-XXX-2 | 2 | .4724[12.000] |

NOTES:
 1. MINIMUM PUSHOUT FORCE: .5 LB.
 2. PARTS TO BE PACKAGED IN TUBES.
 3. -S PLATING CAN BE SUBSTITUTED FOR -L AND -F PLATING STYLES.
 4. © REPRESENTS A CRITICAL DIMENSION.
 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS .XX: ±.01[.3] ANGLES .XXX: ±.005[.13] ±5° .XXXX: ±.0020[.051]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.4
 BODY: LCP UL 94 VO, COLOR: BLACK
 TERMINAL: PHOSPHOR BRONZE
 c:\enterprise\aut\DWG\MISC\MKTG\TOLC-1XX-XX-X-Q-XX-MKT.SLDDRW

DESCRIPTION: QUAD ROW STAGGERED SMT TERMINAL ASM
 DWG. NO. TOLC-1XX-XX-X-Q-XX
 BY:D PURVIS 03/18/1996 SHEET 1 OF 2

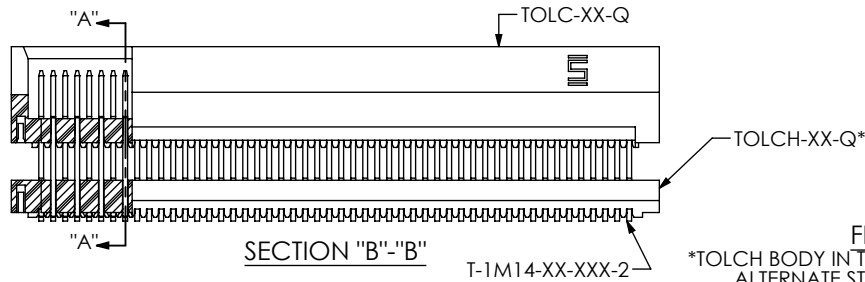
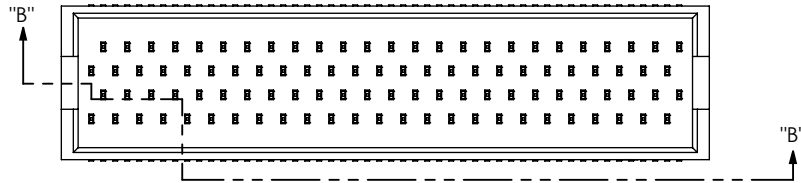
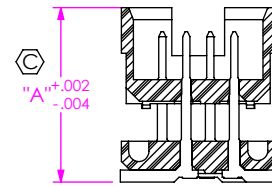
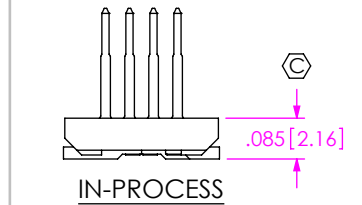


FIG 2
*TOLCH BODY IN THIS DESIGN REFLECTS ALTERNATE STANDOFF DESIGN



SECTION "A"- "A"



| | | |
|--|--------------|------------------|
| | .0040 [1.02] | -05 THRU -30 POS |
| | .0060 [1.52] | -35 THRU -50 POS |

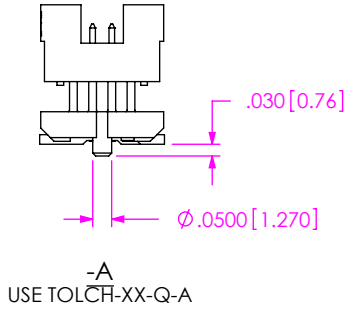
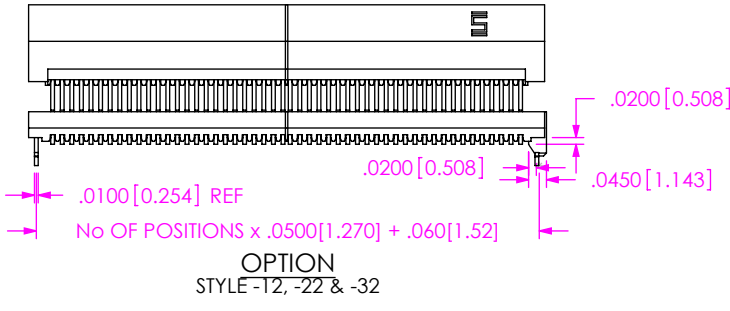
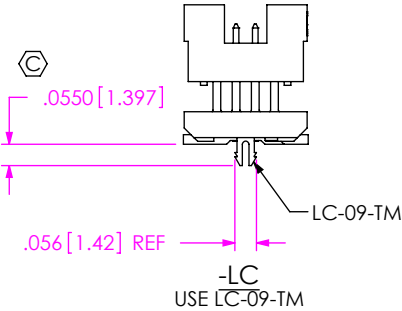
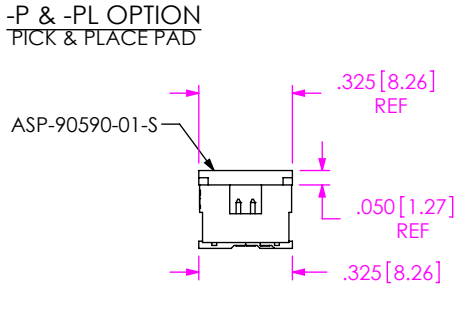
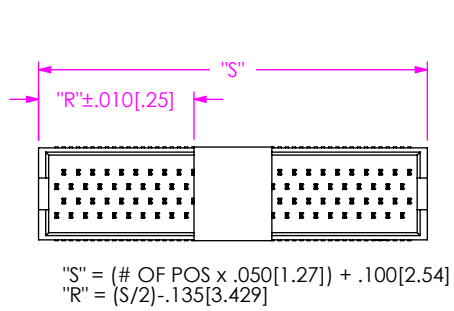
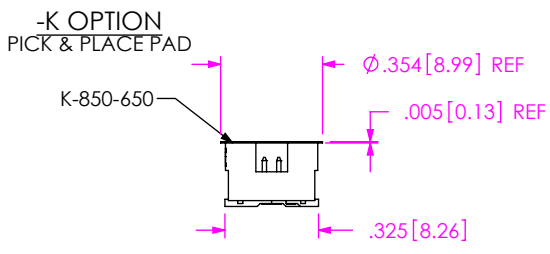
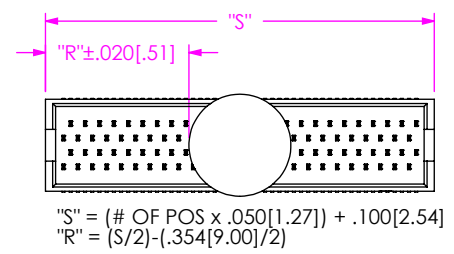
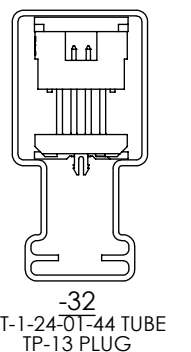
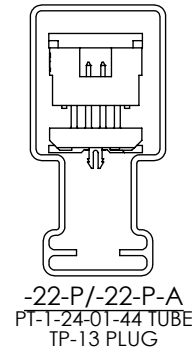
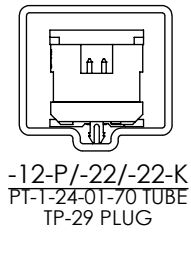
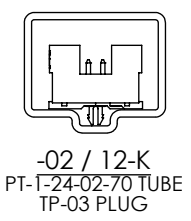


TABLE 2

| LEAD STYLE | OPTIONS | PACKAGING TUBE | PLUG |
|------------|-------------------|----------------|-------|
| -02 | ALL | PT-1-24-02-70 | TP-03 |
| -12 | -P | PT-1-24-01-70 | TP-29 |
| -12 | NONE, -K, -A | PT-1-24-02-70 | TP-03 |
| -22 | -P, -P-A | PT-1-24-01-44 | TP-13 |
| -22 | NONE, -K, -A, -LC | PT-1-24-01-70 | TP-29 |
| -32 | ALL | PT-1-24-01-44 | TP-13 |



PACKAGING VIEWS



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SHEET SCALE: 1:0.4



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DWG. NO. TOLC-1XX-XX-X-Q-XX