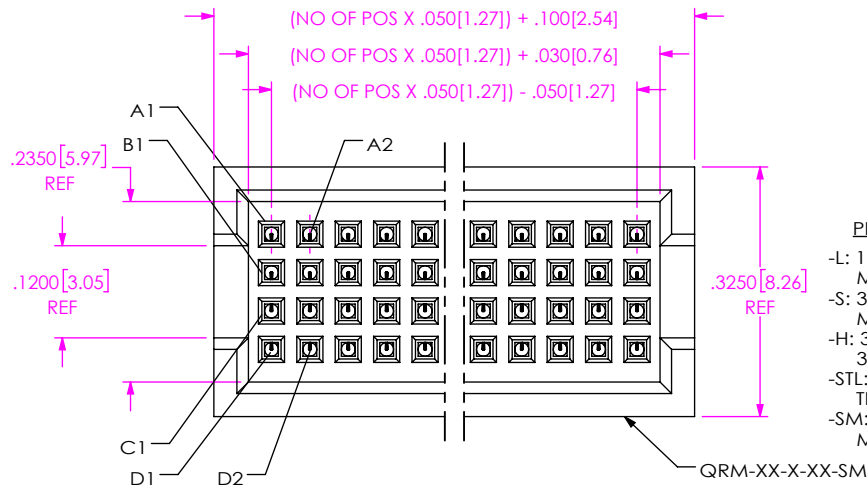




**THE DATASHEET OF
MOLC-116-02-STL-Q-LC-P**



DO NOT SCALE FROM THIS PRINT



MOLC-1XX-02-XXX-Q-XX-X-XX

NO OF POSITIONS
-05 THRU -50

LEAD STYLE
-02: SURFACE MOUNT

PLATING SPECIFICATION

- L: 15μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- STL: 30μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 +/-5%) ON TAIL
- SM: 15μ" LIGHT GOLD IN CONTACT AREA, MATTE TIN ON TAIL

PACKAGING

- BLANK: TUBES (SEE NOTES 3 & 7)
- TR: TAPE & REEL (SEE NOTES 7 & 8)
- FR: FULL REEL QTY TAPE & REEL (SEE NOTES 7 & 8)

PICK & PLACE OPTION

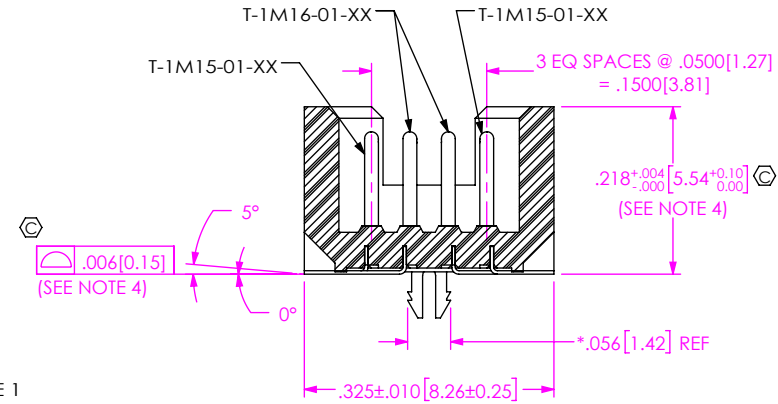
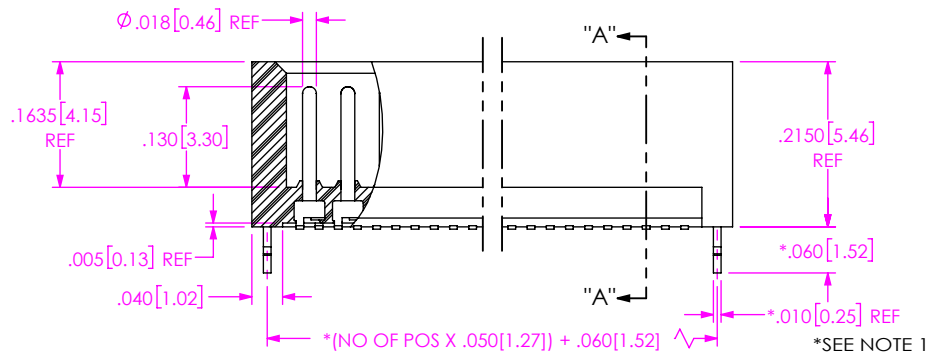
- P: PICK AND PLACE PAD (USE PPP-19)

OPTION

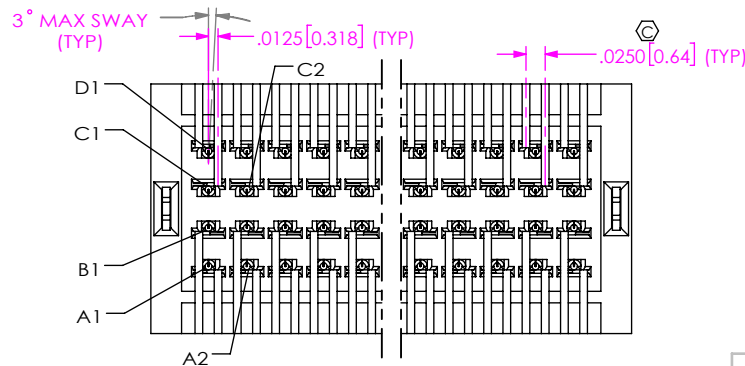
- LC: LOCKING CLIP (USE LC-09-TM) (SEE NOTE 6)

BODY SPECIFICATION

- Q: 4 ROW (USE QRM-XX-Q-01-SM)



SECTION "A"-"A"



NOTES:

- DIMENSIONS PERTAIN TO -LC OPTION ONLY.
- INSULATOR MATERIAL: VECTRA E130
- TUBES ARE STANDARD PACKAGING.
- DIMENSION TO BE MEASURED AT BEND OF THE LEAD, AND LEADS MUST REST ON PLASTIC RIBS.
- ⊗ REPRESENTS A CRITICAL DIMENSION
- 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.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

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

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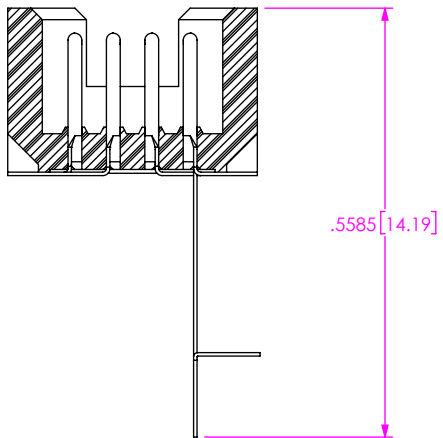
520 PARK EAST BLVD. NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: VECTRA E130, LCP, UL 94 V0
COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE

DESCRIPTION: SURFACE MOUNT .050 X .050 4 ROW SHROUDED TERMINAL STRIP

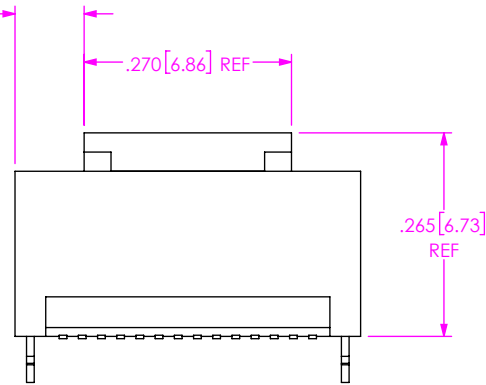
DWG. NO. MOLC-1XX-02-XXX-Q-XX-X-XX

BY: GREG R 3/29/1993 SHEET 1 OF 2



IN-PROCESS

$$\frac{((\text{NO OF POS} \times .050 [1.27] + .100 [2.54]) / 2 - .135 [3.43]) \pm .020 [0.51]}$$



-P: PICK AND PLACE PAD

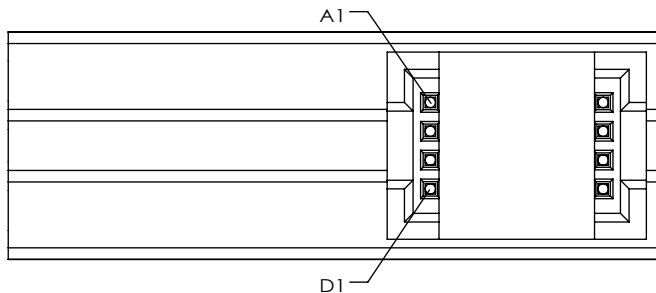
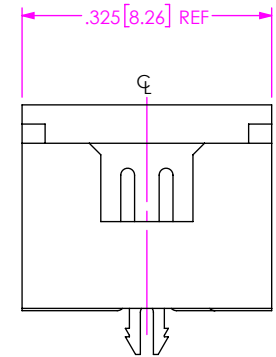
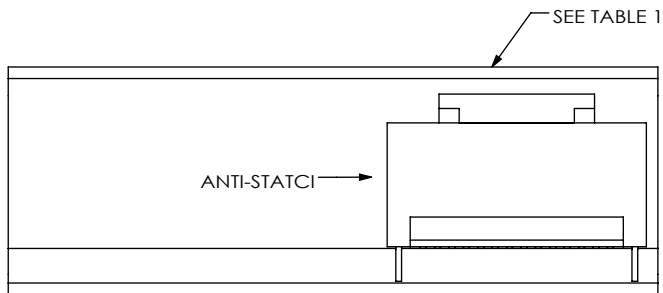
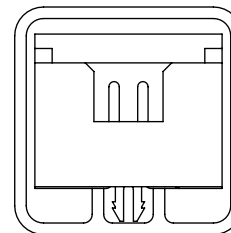


TABLE 1		
OPTION	TUBE	PLUG
BLANK, -LC	PT-1-24-04-38	TP-03
-P	PT-1-24-03-38	TP-03



PACKAGE PARTS IN TUBE AS SHOWN



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DO NOT SCALE DRAWING

SHEET SCALE: 4:1



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



DESCRIPTION: SURFACE MOUNT .050 X .050 4 ROW SHROUDED TERMINAL STRIP

DWG. NO. MOLC-1XX-02-XXX-Q-XX-X-XX

BY: GREG R 3/29/1993 SHEET 2 OF 2

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