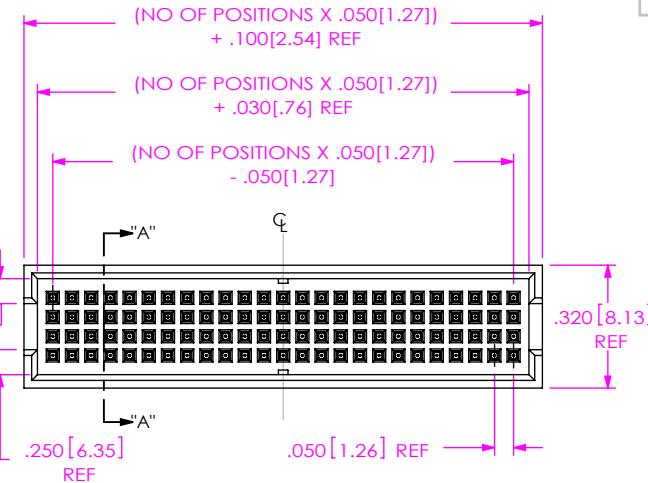


DO NOT
SCALE FROM
THIS PRINT

NOTES:

1. \odot REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5 LBS.
3. 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.

FIG 3
IN-PROCESS VIEW

MOLC-1XX-XX-XX-Q-XX

NO OF POSITIONS

-05, -10, -12, -15,
-20, -25, -30, -35,
-40, -45, -50

OPTION

-LC: LOCKING CLIP
USE 2 LC-05-TM
(SEE FIG 2, NOTE 3)

BODY SPECIFICATION

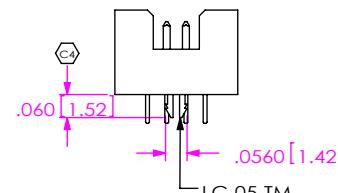
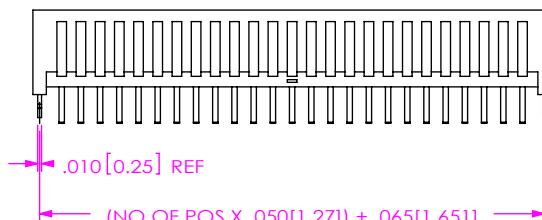
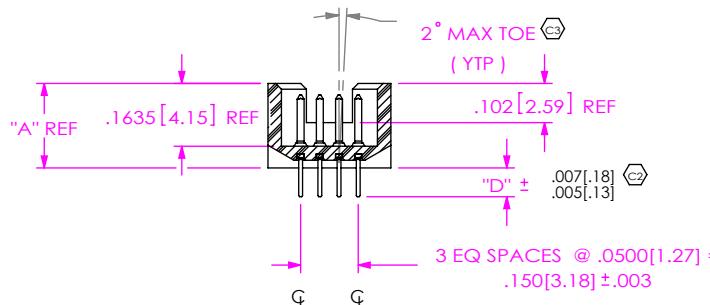
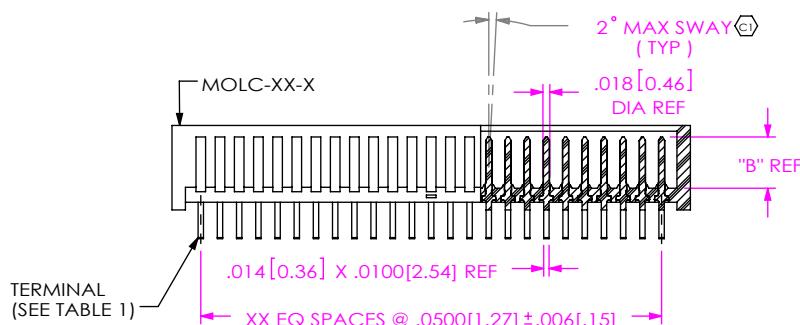
-Q: FOUR ROW

PLATING SPECIFICATIONS

(SEE TABLE 1)

- S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- L: LIGHT SELECTIVE, 15 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- H: HEAVY GOLD, 30 μ " GOLD IN CONTACT AREA, GOLD FLASH ON TAIL
(AVAILABLE TO EXISTING CUSTOMERS ONLY)

TABLE 1							
LEAD STYLE	PLATING	"A"	"B"	"C"	"D"	USE TERMINAL	USE BODY
-01	-S, -SM, -L	.2200[5.59]	.1335[3.39]	.4285[10.88]	.075[1.91]	T-1R16-01-X-2	MOLC-XX-Q-01
-11	-S, -SM, -L	.2885[7.33]	.1435[3.65]	.6400[16.26]	.075[1.91]	T-1R20-03-XXX	MOLC-XX-Q-02
-31	-S, -SM, -L	.4335[11.01]	.1435[3.65]	.6400[16.26]	.075[1.91]	T-1R20-02-XXX	MOLC-XX-Q-04
-61	-S, -SM, -L	.2200[5.58]	.1435[3.65]	.6400[16.26]	.140[3.56]	T-1R16-04-XXX	MOLC-XX-Q-01

FIG 2
-LC OPTION
SAME AS FIG 1 UNLESS OTHERWISE SHOWN

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

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: VECTRA E130, LCP, UL 94 VO
COLOR: BLACK
TERMINAL: PHOS BRONZE, CA540 1/2 HARD

SECTION "A"-A"

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION: THROUGH HOLE .050 X .050
DWG. NO.
MOLC-1XX-XX-XX-Q-XX
BY: T WHELAN 05/23/05 SHEET 1 OF 2

FIG 4
PACKAGING VIEWS
REF TABLE 2

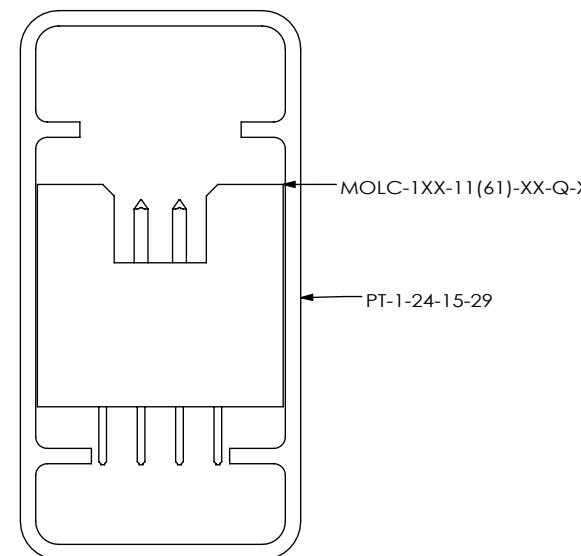
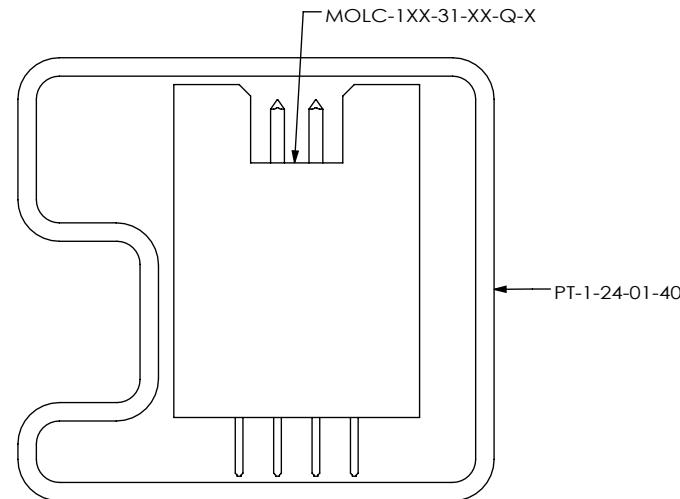
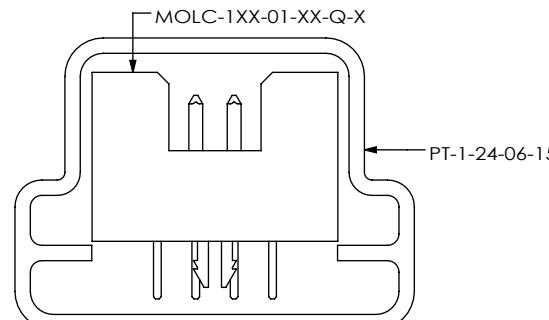


TABLE 2

LEAD STYLE	PACKAGING TUBE	PLUG
-01	PT-1-24-06-15	TP-09
-11	PT-1-24-15-29	TP-07
-31	PT-1-24-01-40	TP-13
-61	PT-1-24-15-29	TP-07

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

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: VECTRA E130, COLOR: BLACK
CONTACT OR TERMINAL:
MAX FLASH ALLOWED: .002 [.05]
MAX GATE VESTIGE: .002 [.05]

F:\DWG\MISC\MKTG\MOLC-1XX-XX-XX-Q-XX-MKT.SLDDRW

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PHONE: 812-944-6733 FAX: 812-948-5047
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Samtec

DESCRIPTION: THROUGH HOLE .050 X .050
DWG. NO. MOLC-1XX-XX-XX-Q-XX
BY: T WHELAN 05/23/05 SHEET 2 OF 2