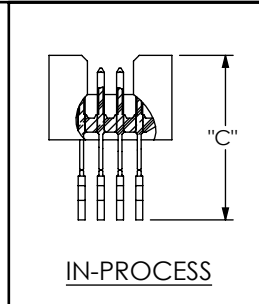


DO NOT  
SCALE FROM  
THIS PRINT

## NOTES:

1. Ⓢ 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.



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

No OF POSITIONS  
-05 THRU -50

OPTION

-LC: LOCKING CLIP  
USE 2 LC-05-TM  
(SEE FIGURE 2, NOTE 3) **[AJ]**

LEAD STYLE (SEE TABLE 1)

-01: THROUGH HOLE  
-11: THROUGH HOLE  
-31: THROUGH HOLE  
-61: THROUGH HOLE

BODY SPECIFICATION  
-Q: FOUR ROW**[AK]**

PLATING SPECIFICATIONS

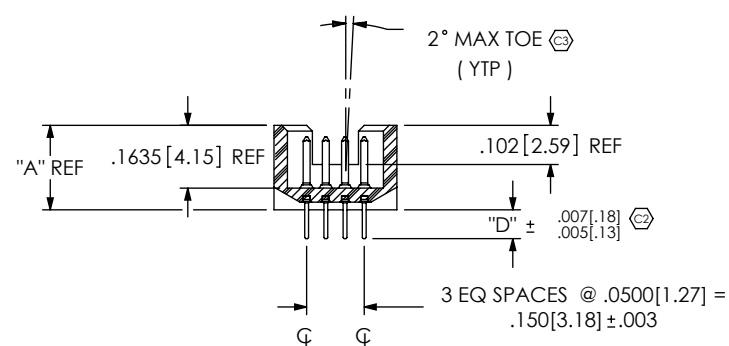
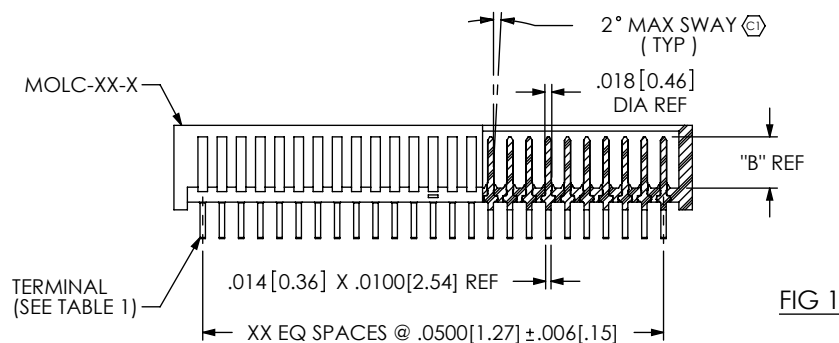
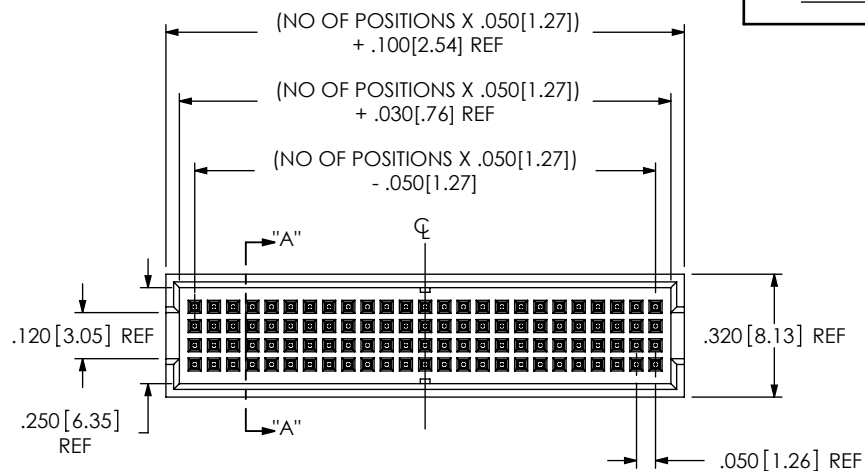
(SEE TABLE 1)

-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

**[AK]**

TABLE 1

LEAD STYLE	PLATING	"A"	"B"	"C"	"D"	USE TERMINAL	USE BODY	PACKAGING TUBE	PLUG
-01	L	.2200[5.59]	.1335[3.39]	.4285[10.88]	.075[1.91]	T-1R16-01-P-2	MOLC-XX-Q-01	PT-1-24-06-15	TP-09
	-S,-SM,L					T-1R16-01-X-2			
-11	-S,-SM,-L	.2885[7.33]	.1435[3.65]	.6400[16.26]	.075[1.91]	T-1R20-03-XXX	MOLC-XX-Q-02	PT-1-24-15-29	TP-07
-31	-S,-SM,-L	.4335[11.01]	.1435[3.65]	.6400[16.26]	.075[1.91]	T-1R20-02-XXX	MOLC-XX-Q-04	PT-1-24-01-40	TP-13
-61	-S,-SM,-L	.2200[5.58]	.1435[3.65]	.6400[16.26]	.140[3.56]	T-1R16-04-XXX	MOLC-XX-Q-01	PT-1-24-15-29	TP-07



SAME AS FIG. 1 UNLESS OTHERWISE SHOWN

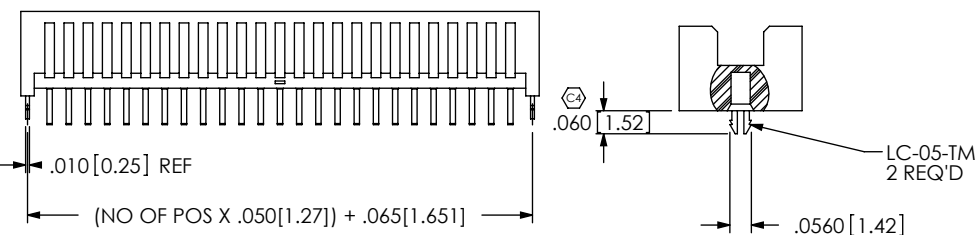


FIG. 2

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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3]  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]  
2°

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR:  
VECTRA E130, LCP, UL 94 V0  
COLOR: BLACK

TERMINAL:  
PHOS BRONZE, CA540 1/2 HARD

**samtec**

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

DESCRIPTION:

THROUGH HOLE .050 X .050

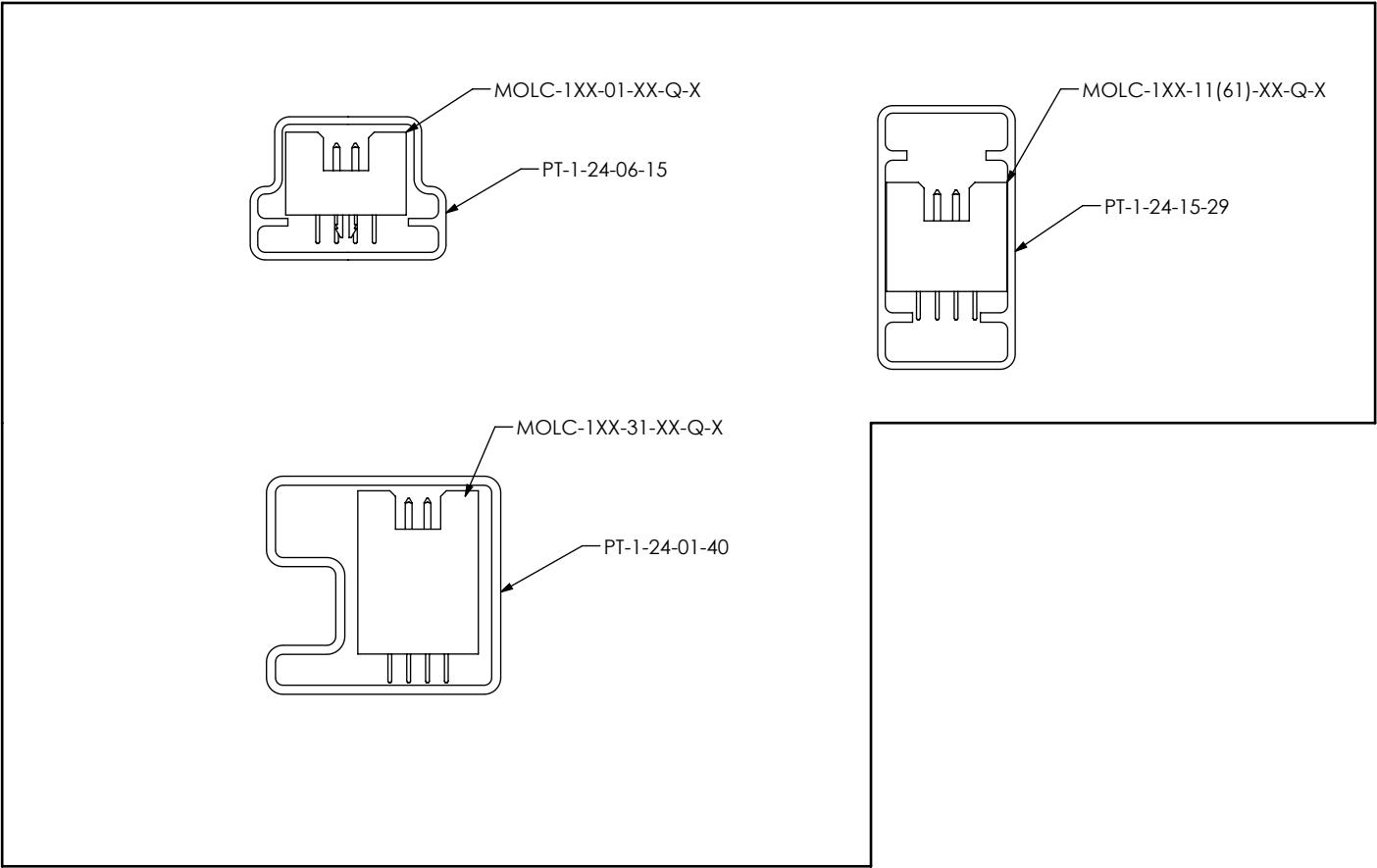
DWG. NO.


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

BY: T WHELAN 05/23/05

SHEET 1 OF 2

PACKAGING VIEWS  
( REF SHEET 1, TABLE 1)



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS            ANGLES .XX: ±.01 [.3]            2° .XXX: ±.005 [.13] .XXXX: ±.0020 [.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.		 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: 2:1		DESCRIPTION: THROUGH HOLE .050 X .050			
INSULATOR: VECTRA E130, COLOR: BLACK CONTACT OR TERMINAL:  MAX FLASH ALLOWED: .002[.05] MAX GATE VESTIGE: .002[.05]		DWG. NO.            MOLC-1XX-XX-XX-Q-XX			
F:\DWG\MISC\MKTG\MOLC-1XX-XX-XX-Q-XX-MKT.SLDDRW		BY: T WHELAN    05/23/05		SHEET 2 OF 2	