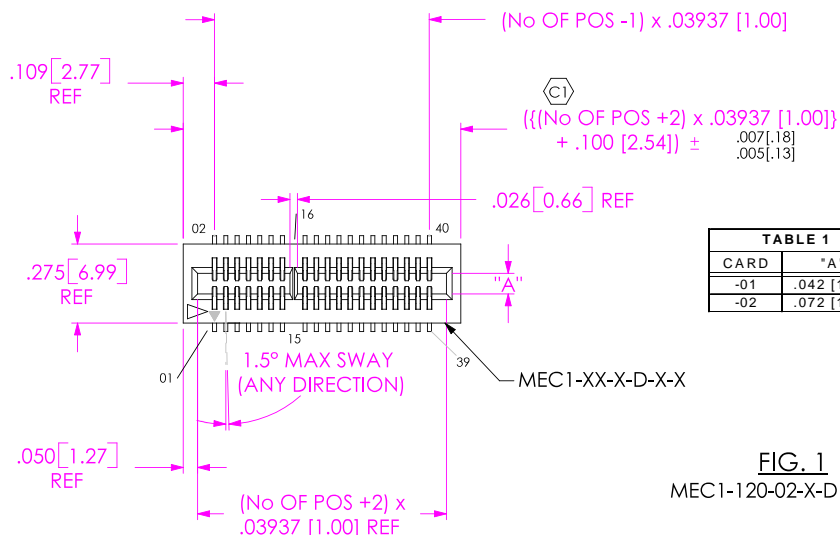


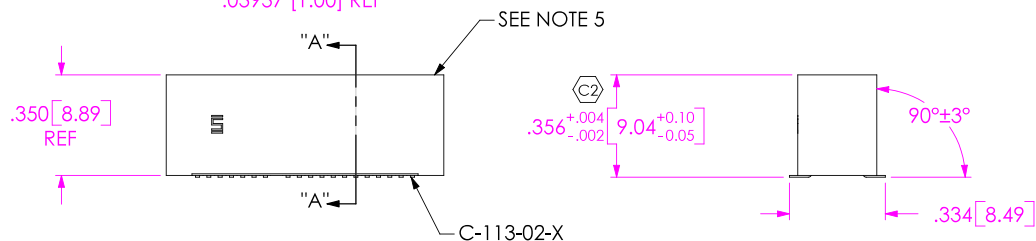
DO NOT SCALE FROM THIS PRINT



**TABLE 1**

CARD	"A"
-01	.042 [1.07]
-02	.072 [1.83]

FIG. 1  
MEC1-120-02-X-D SHOWN



MEC1-1XX-XX-X-D-XX-XX

**NO OF POSITIONS**  
05, 08, 20, 30, 40, 50, 60 & 70  
(PER ROW, SEE TABLE 2)

**CARD THICKNESS**  
\*-01: .031 [.79] THICK CARD  
(USE MEC1-XX-T-D-X-X)  
(N/A WITH -T PLATING)  
-02: .062 [1.58] THICK CARD  
(USE MEC1-XX-S-D-X-X)  
(SEE TABLE 1)

**PLATING SPECIFICATION**  
-F: FLASH GOLD (USE C-113-02-F)  
-L: LIGHT GOLD (USE C-113-02-L)  
-S: SELECTIVE GOLD (USE C-113-02-S)

\* NOT ENGINEERING APPROVED  
\*\* NOT TOOLED

**OTHER OPTIONS**

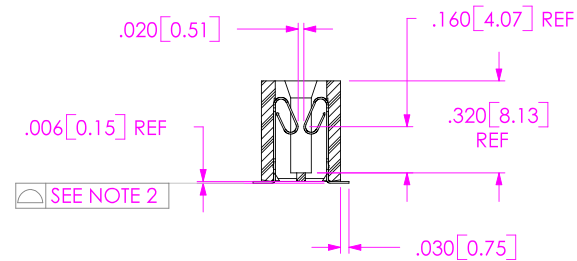
-LC: LOCKING CLIP  
(SEE FIG. 2) (USE LC-05-T)  
-A: ALIGNMENT PIN  
(MOLDED, SEE FIG. 4, SHT. 2)  
(USE MEC1-XX-X-D-X-A)  
-K: POLYAMIDE FILM PAD  
(SEE FIG. 6, SHT. 2) (USE K-500-300)  
-TR: TAPE & REEL PACKAGING  
(N/A IN 70 POSITION) (SEE FIG. 5, SHT. 2)

**POLARIZED OPTION (SEE TABLE 2)**

-BLANK: BODY IS POLARIZED  
-NP: NO POLARIZATION (-05 THRU -30 ONLY)  
(USE MEC1-XX-X-D-N-X)

**ROW SPECIFICATION**

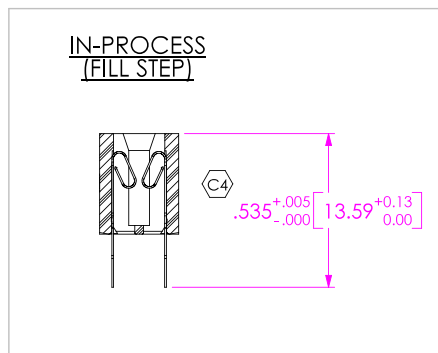
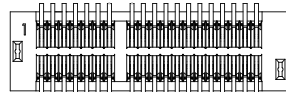
-D: DOUBLE ROW  
(USE MEC1-XX-X-D-X-X)



SECTION "A"-"A"

**TABLE 2**

No OF POS	POSITIONS POLARIZED
-05	3, 4
-08	5, 6
-20	15, 16
-30	21, 22
-40	31, 32
-50	41, 42
-60	31, 32, 63 & 64
-70	53, 54, 115 & 116



NOTES:

- MINIMUM PUSHOUT FORCE: 10 oz.
- COPLANARITY: POS -05 THRU -26: .004 [.10]  
POS -27 THRU -70: .006 [.15]
- © REPRESENTS A CRITICAL DIMENSION.
- PACKAGE ALL POSITIONS IN TUBES.  
(WITH -K OPTION, USE PT-1-24-03-29 TUBE & TP-07 TUBE PLUG)  
(WITHOUT -K OPTION, USE PT-1-24-01-69 TUBE & TP-07 TUBE PLUG)
- MAXIMUM CUT FLASH: .010; FLASH NOT TO EXTEND BELOW LEADS.
- MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.

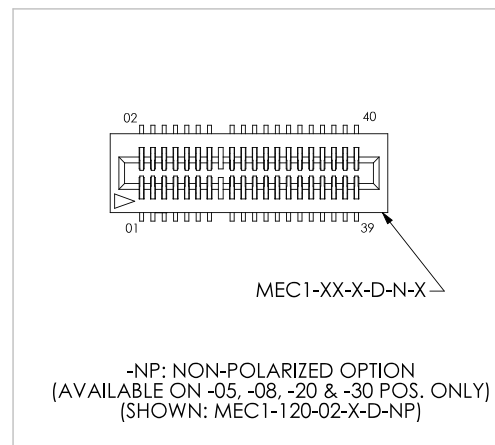
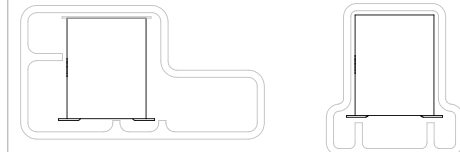


FIG. 2  
PACKAGING VIEW  
[PARTS TO HAVE POSITION #1 LOADED  
IN SAME DIRECTION AS ARROW ON TUBE]



FOR -K OPTION  
TUBE: PT-1-24-03-29  
PLUG: TP-07

NO -K OPTION  
TUBE: PT-1-24-01-69  
PLUG: TP-07

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0015 [.038]

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INSULATOR:  
LCP, COLOR: BLACK

CONTACT:  
BeCu 190 HM

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**SAMTEC**

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e-Mail: [INFO@SAMTEC.COM](mailto:INFO@SAMTEC.COM) CODE: 55322

DESCRIPTION:  
1mm MINI-EDGE CARD ASSEMBLY

DWG. NO.  
**MEC1-1XX-XX-X-D-XX-XX**

BY: KEVIN B 5/11/2000 SHEET 1 OF 2

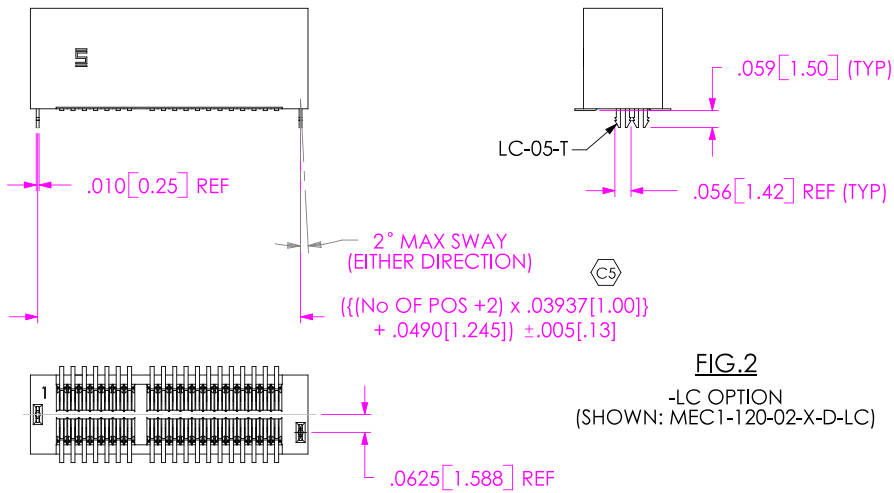


FIG. 2  
-LC OPTION  
(SHOWN: MEC1-120-02-X-D-LC)

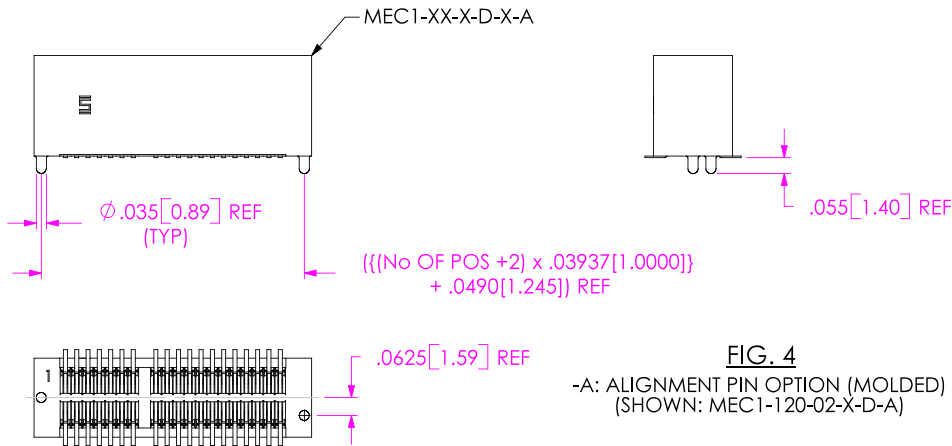


FIG. 4  
-A: ALIGNMENT PIN OPTION (MOLDED)  
(SHOWN: MEC1-120-02-X-D-A)

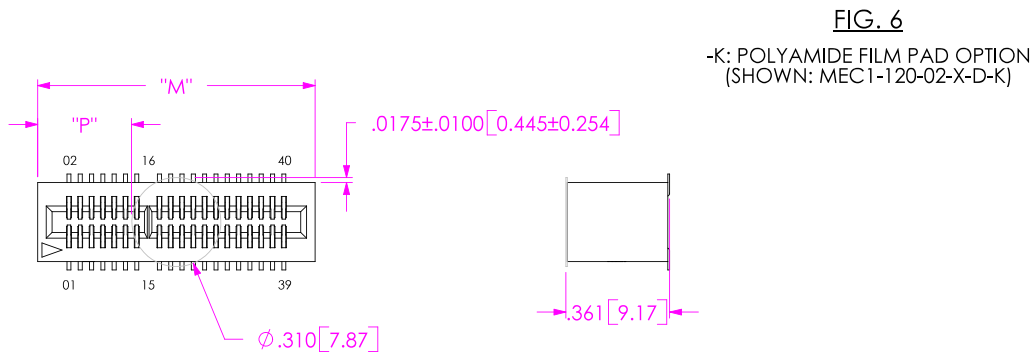
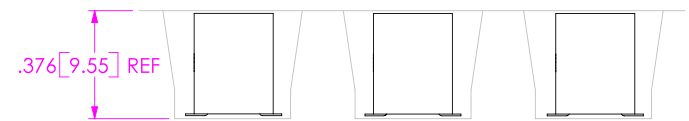
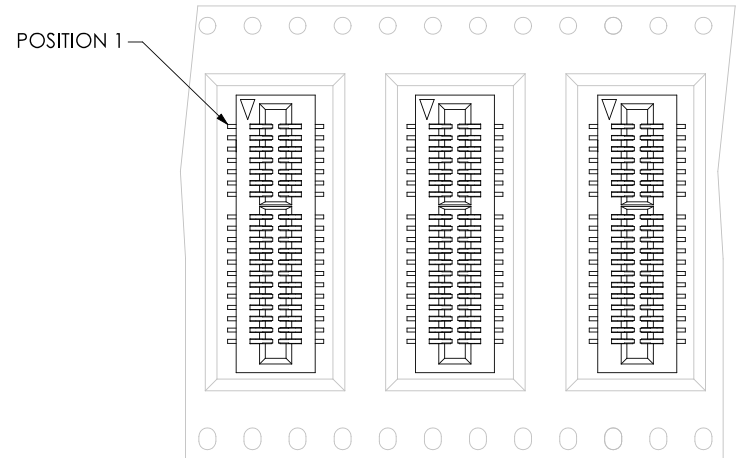


FIG. 6  
-K: POLYAMIDE FILM PAD OPTION  
(SHOWN: MEC1-120-02-X-D-K)

NOTE: "M" = USED MEASURED DIMENSION (REF)  
"P" =  $\{("M" - 310 [7.87]) / 2\} \pm .020 [0.51]$

FIG. 5  
-TR: TAPE & REEL PACKAGING VIEW  
(NOT DRAWN TO SCALE)



USER DIRECTION OF UNREELING →

F:\DWG\MISC\MKTG\MEC1-1XX-XX-X-D-XX-XX-MKT.SLDDRW

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**SAMTEC**

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DWG. NO.  
**MEC1-1XX-XX-X-D-XX-XX**

BY: KEVIN B 5/11/2000 SHEET 2 OF 2