

## REVISION AQ

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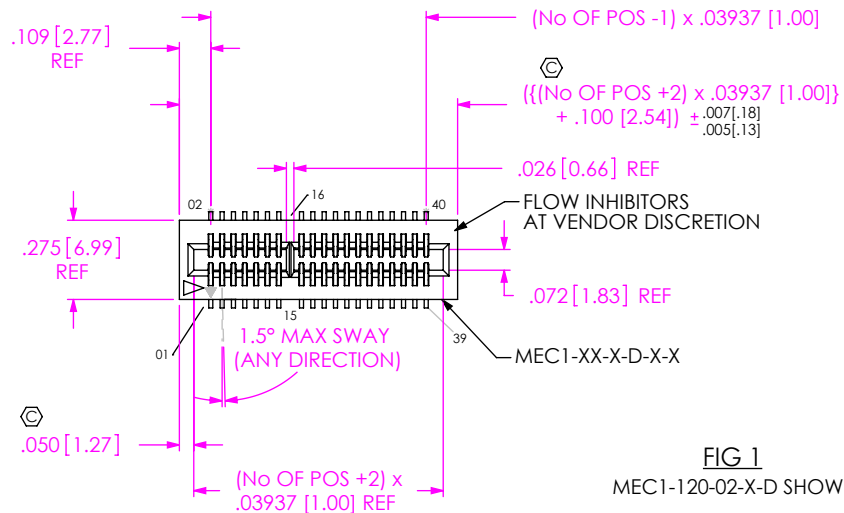
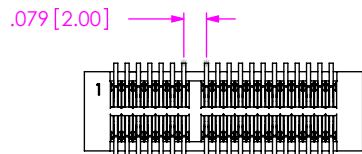
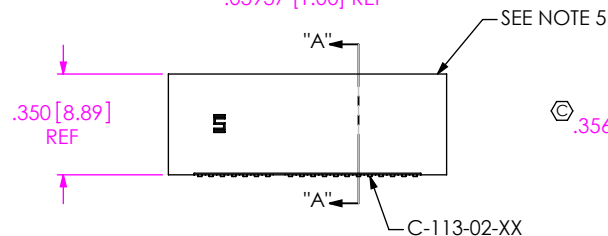



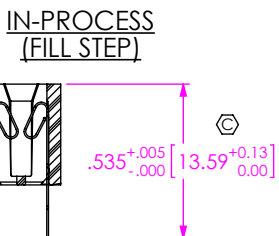
FIG 1  
MEC1-120-02-X-D SHOWN



No OF POS	POSITIONS POLARIZED
-05	3, 4
-08	5, 6
-10	13 & 14
-20	15, 16
-30	21, 22
-40	31, 32
-50	41, 42
-60	31, 32, 63 & 64
-70	53, 54, 115 & 116

NOTES:

1. MINIMUM PUSHOUT FORCE: 10 oz.
2. COPLANARITY: POS -05 THRU -26: .004 [.10]  
POS -27 THRU -70: .006 [.15]
3.  REPRESENTS A CRITICAL DIMENSION.
4. PACKAGE ALL POSITIONS IN TUBES.  
(WITH -K OPTION, USE PT-1-24-09F-109 TUBE & TP-29 TUBE PLUG)  
(WITHOUT -K OPTION, USE PT-1-24-01-69 TUBE & TP-07 TUBE PLUG)
5. MAXIMUM CUT FLASH: .010; FLASH NOT TO EXTEND BELOW LEADS.
6. MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
7. MAXIMUM BURR: .003[.08], BURR DIRECTION TO BE OPPOSITE OF SOLDER PAD AREA
8. 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.



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

No OF POSITIONS

05, 08, 10, 20, 30, 40 , 50, 60 & 70  
(PER ROW, SEE TABLE 2)

CARD THICKNESS —  
-02: .062 [1.58] THICK CARD  
(USE MEC1-XX-S-D-X-X)

## PLATING SPECIFICATION

- F: 3µ" FLASH GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- L: 10µ" LIGHT GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL
- FM: 3µ" FLASH GOLD IN CONTACT AREA,  
MATTE ON TIN TAIL
- LM: 10µ" LIGHT IN CONTACT AREA,  
MATTE TIN ON TAIL
- SM: 30µ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL

## OTHER OPTIONS

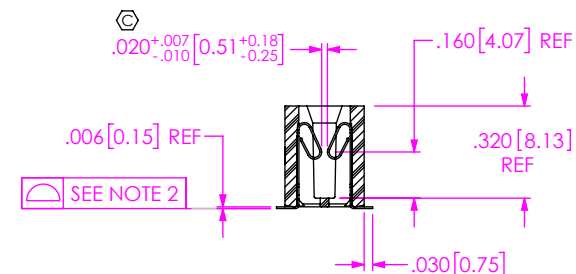
- LC: LOCKING CLIP (SEE NOTE 8)  
(SEE FIG 2)(USE LC-05-TM)
- A: ALIGNMENT PIN  
(MOLDED, SEE FIG 4, SHT 2)  
(USE MEC1-XX-X-D-X-A)
- K: POLYIMIDE FILM PAD  
(SEE FIG 6, SHT 2)(USE K-DOT-310-406-.005)
- TR: TAPE & REEL PACKAGING  
(N/A IN 70 POSITION)(SEE FIG 5, SHT 2)

— POLARIZED OPTION (SEE TABLE 2)

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

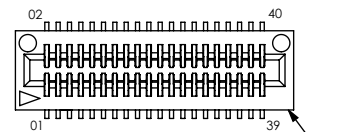
## ROW SPECIFICATION

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



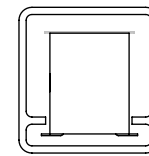
SECTION "A"-"A"

### PACKAGING VIEW

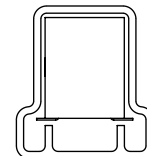


MEC1-XX-X-D-N-X-

-NP: NON-POLARIZED OPTION  
(AVAILABLE ON -05, -08, -10, -20 & -30 POS. ONLY)  
(SHOWN: MEC1-120-02-X-D-NP)



-D-A-K, -D-K  
FOR -K OPTION  
TUBE: PT-1-24-09F-109  
PLUG: TP-29



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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

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**MATERIAL:** DO NOT SCALE DRAWING  
INSULATOR:  
VECTRA E130i COLOR: BLACK

CONTACT:  
BeCu 190 HM

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

SHEET SCALE: 1.5:1

DESCRIPTION:

### 1mm MINI-EDGE CARD ASSEMBLY

DWG. NO.

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

BY: KEVIN B

5/11/2000

SHEET 1 OF 2

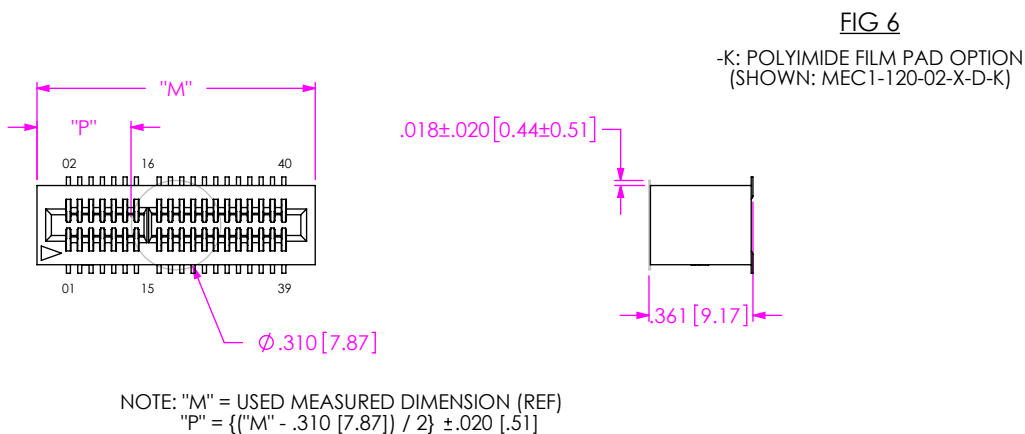
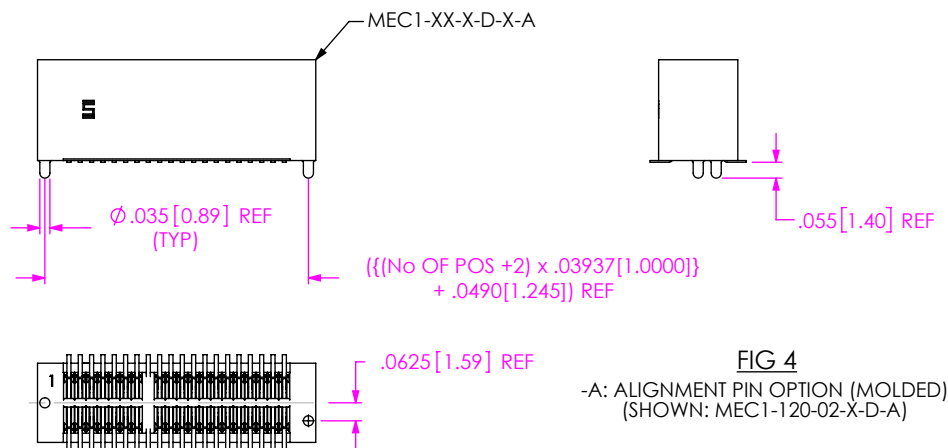
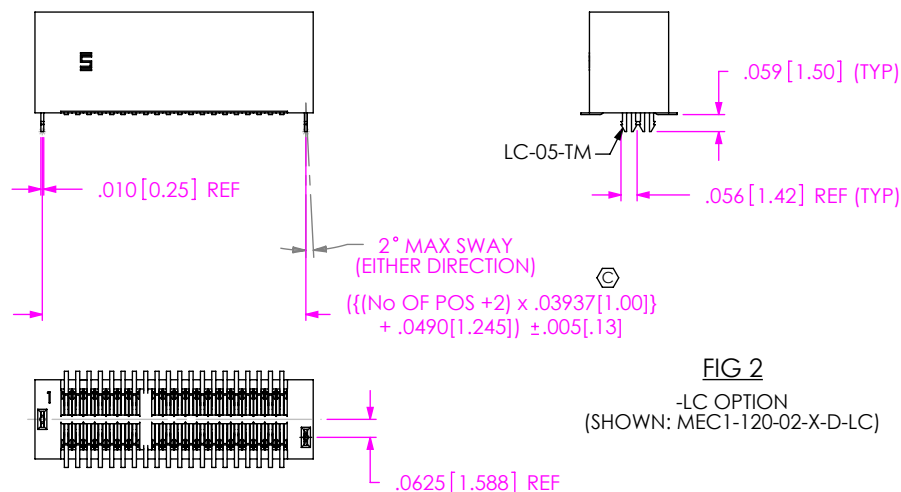
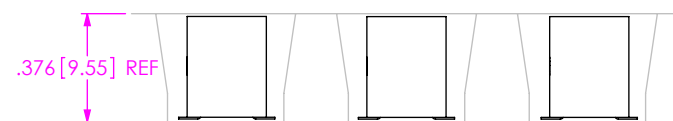
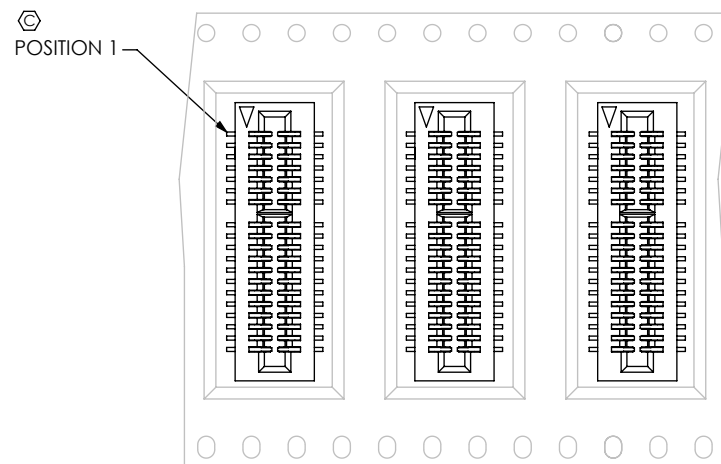


FIG 5  
-TR: TAPE & REEL PACKAGING VIEW  
(NOT DRAWN TO SCALE)



USER DIRECTION OF UNREELING →

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

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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

**samtec**

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DESCRIPTION:  
1mm MINI-EDGE CARD ASSEMBLY

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

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