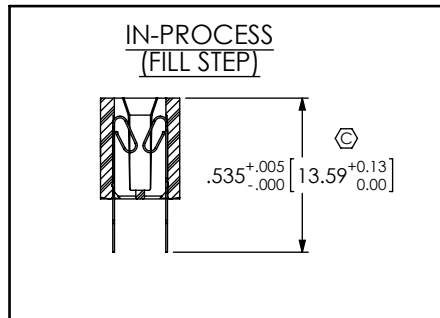
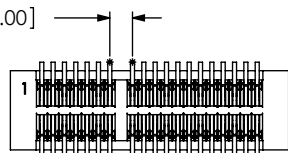
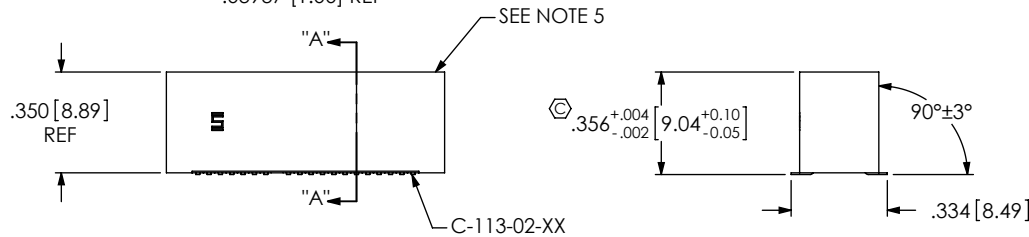
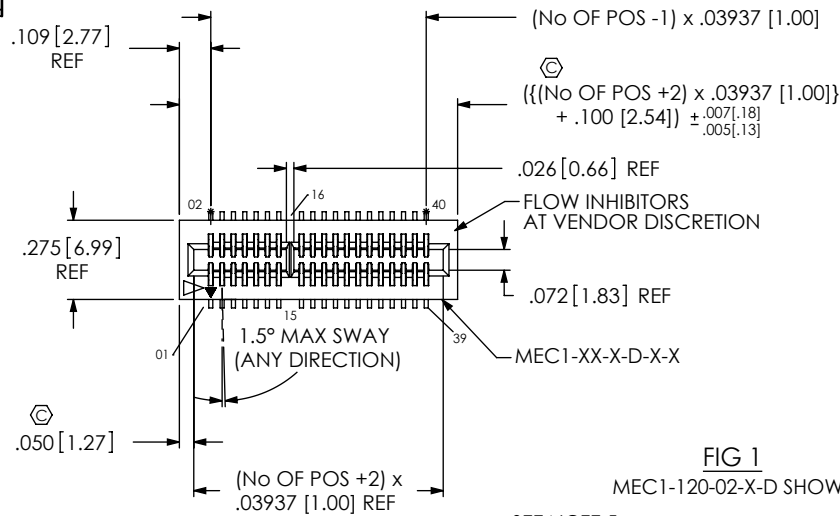


DO NOT SCALE FROM THIS PRINT



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)

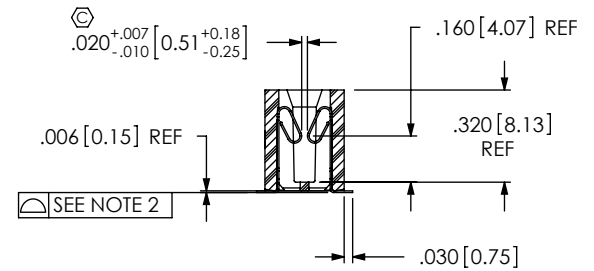
PLATING SPECIFICATION

- 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)

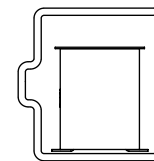
- POLARIZED OPTION (SEE TABLE 2)
- BLANK: BODY IS POLARIZED
 - NP: NO POLARIZATION (-05 THRU -30 ONLY) (USE MEC1-XX-X-D-N-X)

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

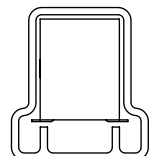


SECTION "A"-"A"

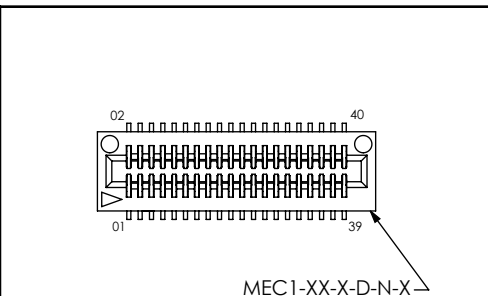
PACKAGING VIEW



FOR -K OPTION
TUBE: PT-1-24-01-70
PLUG: TP-29



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



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

TABLE 2	
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-1-24-01-70 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

INSULATOR:
VECTRA E130i COLOR: BLACK

CONTACT:
BeCu 190 HM

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

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



520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 53322

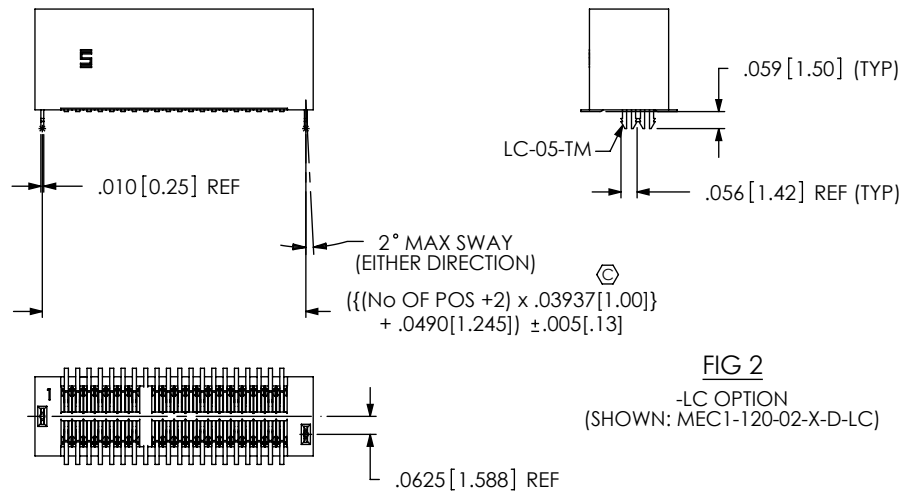


FIG 2
-LC OPTION
(SHOWN: MEC1-120-02-X-D-LC)

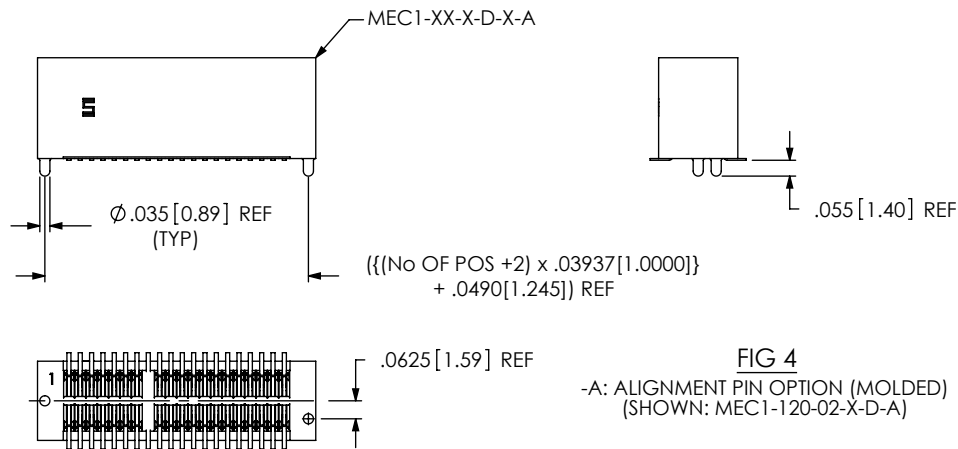


FIG 4
-A: ALIGNMENT PIN OPTION (MOLDED)
(SHOWN: MEC1-120-02-X-D-A)

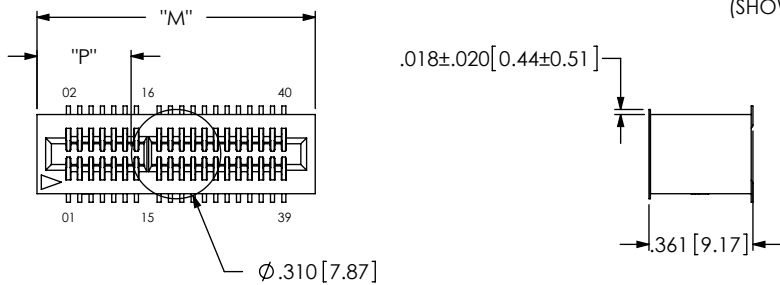
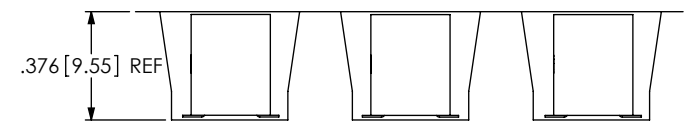
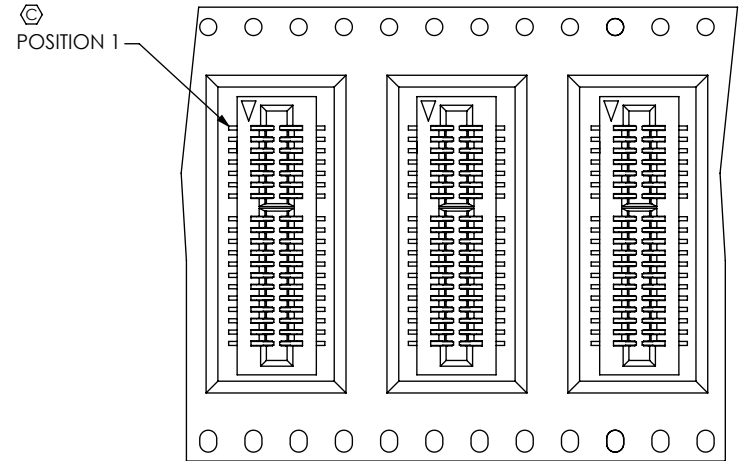


FIG 6
-K: POLYIMIDE FILM PAD OPTION
(SHOWN: MEC1-120-02-X-D-K)

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-XX-D-XX-XX-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

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