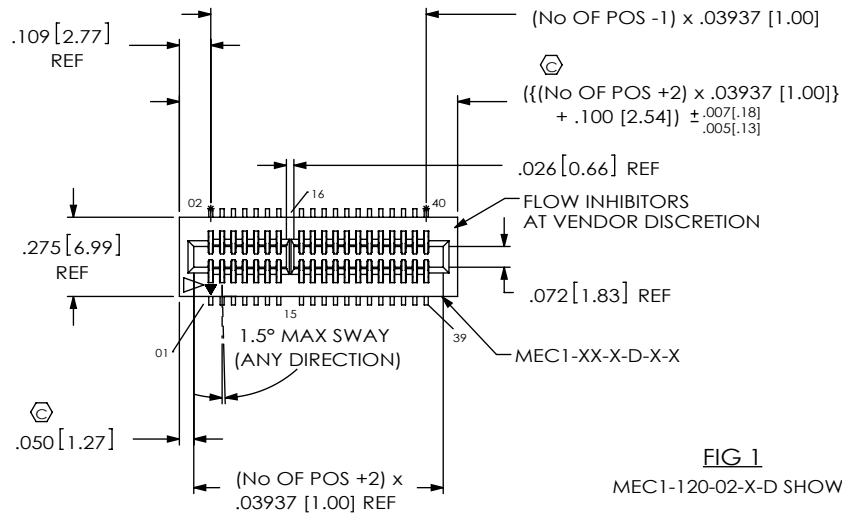


REVISION AN

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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 TIN ON TAIL
-LM: 10μ" LIGHT GOLD 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)

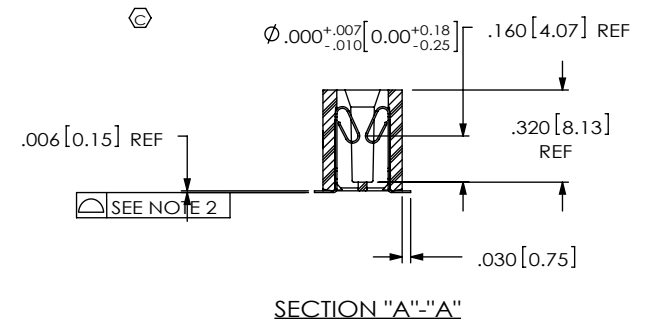
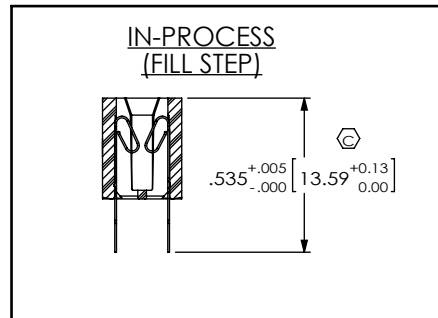


TABLE 2	
No OF POS	POSITIONS POLARIZED
-05	3, 4
-08	5, 6
-10	13 & 14
-20	15, 16
-30	21, 22
-40	31, 32
-50	41, 42
-60	31, 32, 63 & 64
-70	53, 54, 115 & 116

NOTES:

1. MINIMUM PUSHOUT FORCE: 10 oz.
2. COPLANARITY: POS -05 THRU -26: .004 [0.10]
POS -27 THRU -70: .006 [0.15]
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 [0.08], 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-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)

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

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

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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 1 OF 2

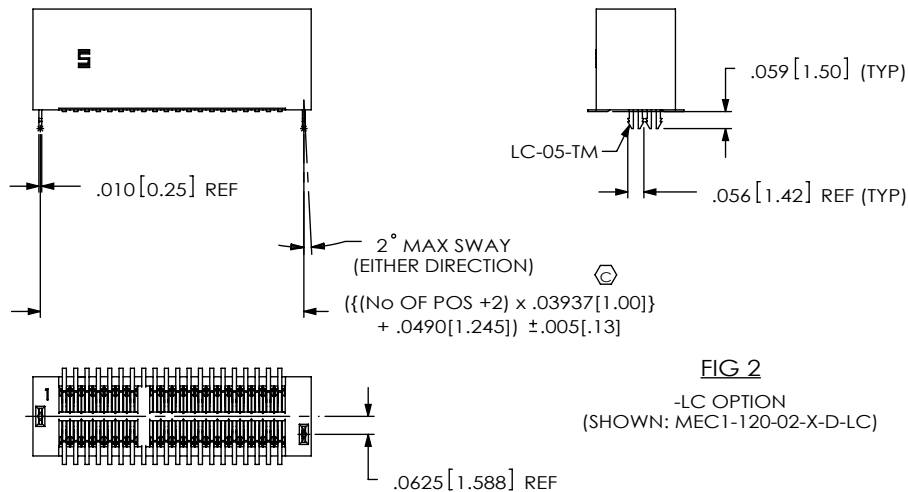


FIG 2
-LC OPTION
(SHOWN: MEC1-120-02-X-D-LC)

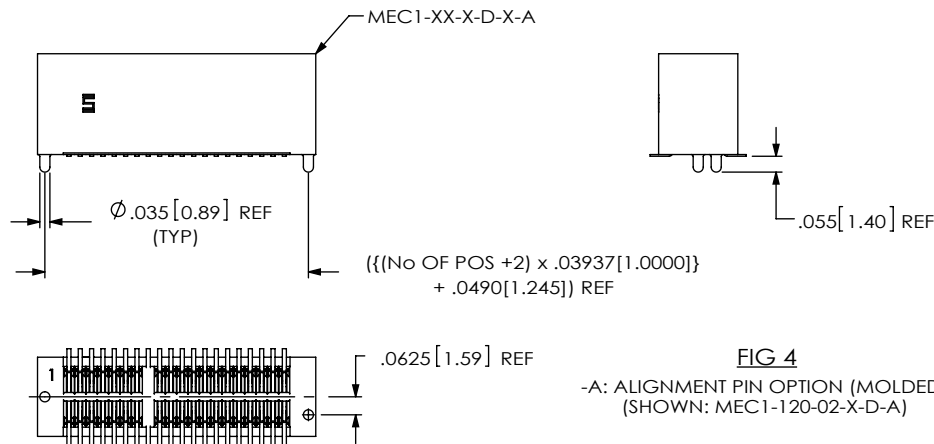
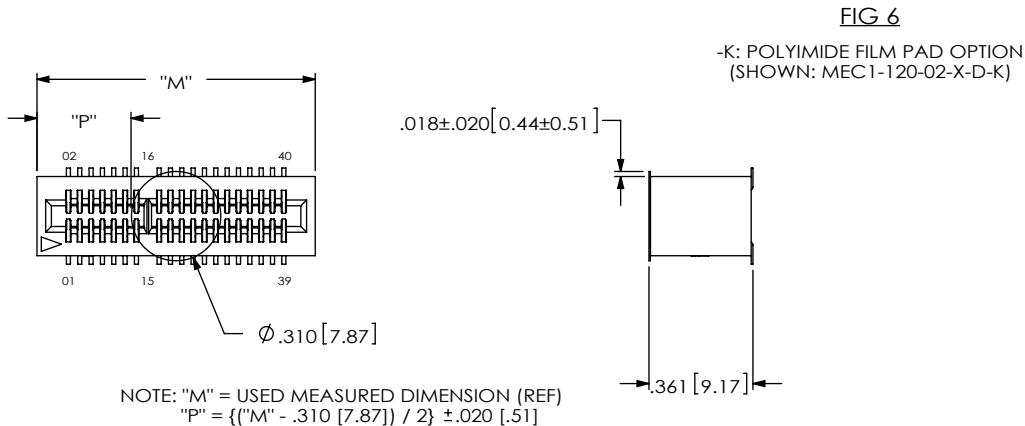
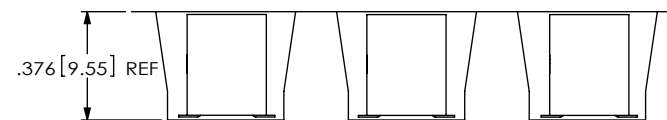
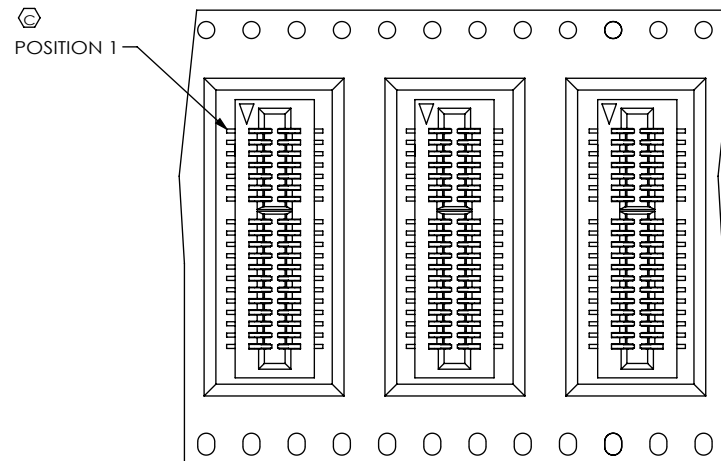


FIG 4
-A: ALIGNMENT PIN OPTION (MOLDED)
(SHOWN: MEC1-120-02-X-D-A)



NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = ((M - .310 [7.87]) / 2) ± .020 [5.1]

FIG 5
-TR: TAPE & REEL PACKAGING
(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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SHEET SCALE: 1.5:1

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:
1mm MINI-EDGE CARD ASSEMBLY

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

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

Mouser Electronics

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