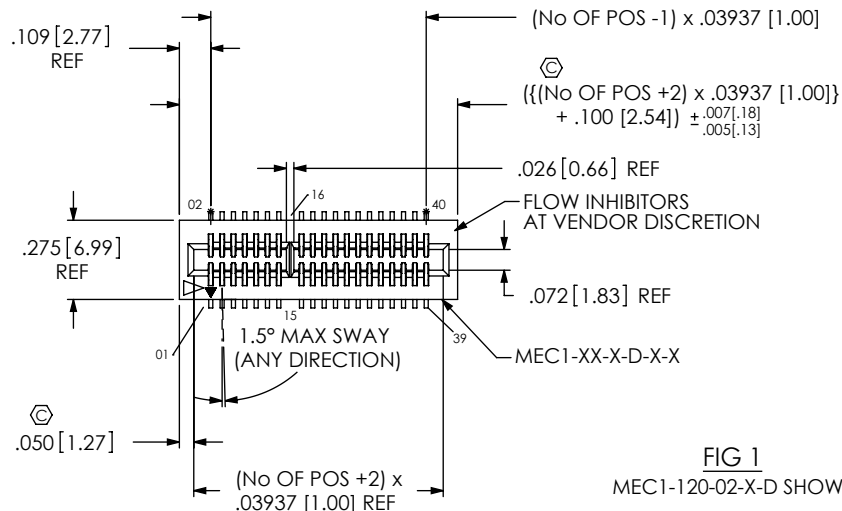


DO NOT
SCALE FROM
THIS PRINT



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)

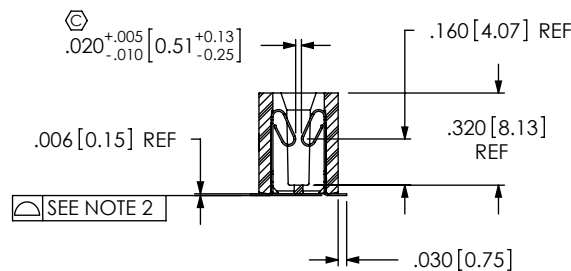
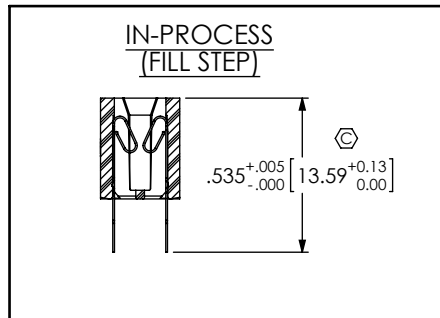


TABLE 2	
No OF POS	POSITIONS POLARIZED
-05	3, 4
-08	5, 6
-10	13 & 14
-20	15, 16
-30	21, 22
-40	31, 32
-50	41, 42
-60	31, 32, 63 & 64
-70	53, 54, 115 & 116

NOTES:

- MINIMUM PUSHOUT FORCE: 10 oz.
- COPLANARITY: POS -05 THRU -26: .004 [0.10]
POS -27 THRU -70: .006 [0.15]
- ☉ REPRESENTS A CRITICAL DIMENSION.
- 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)
- MAXIMUM CUT FLASH: .010; FLASH NOT TO EXTEND BELOW LEADS.
- MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
- MAXIMUM BURR: .003 [0.08], BURR DIRECTION TO BE OPPOSITE OF SOLDER PAD AREA
- 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.



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

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)

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

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.

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

samtec

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

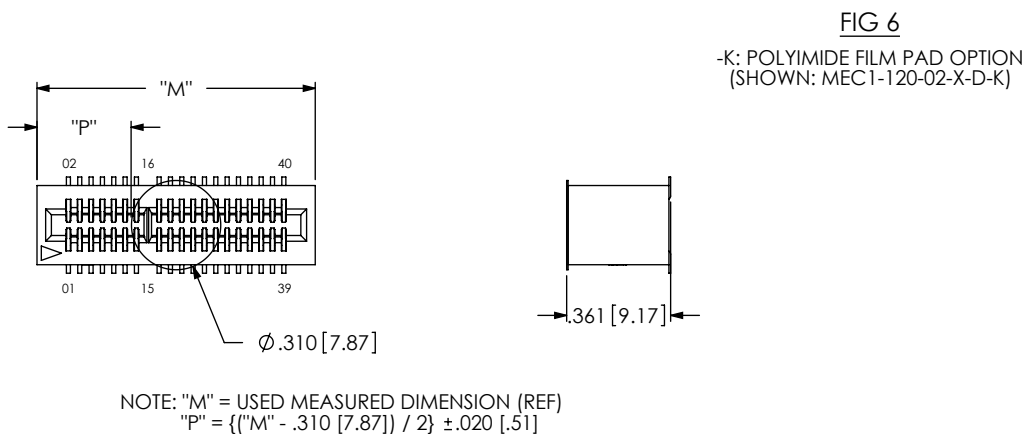
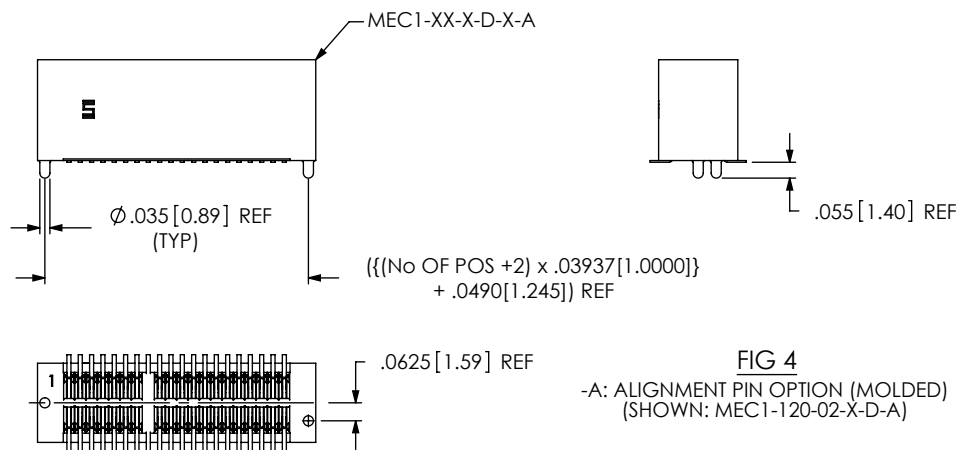
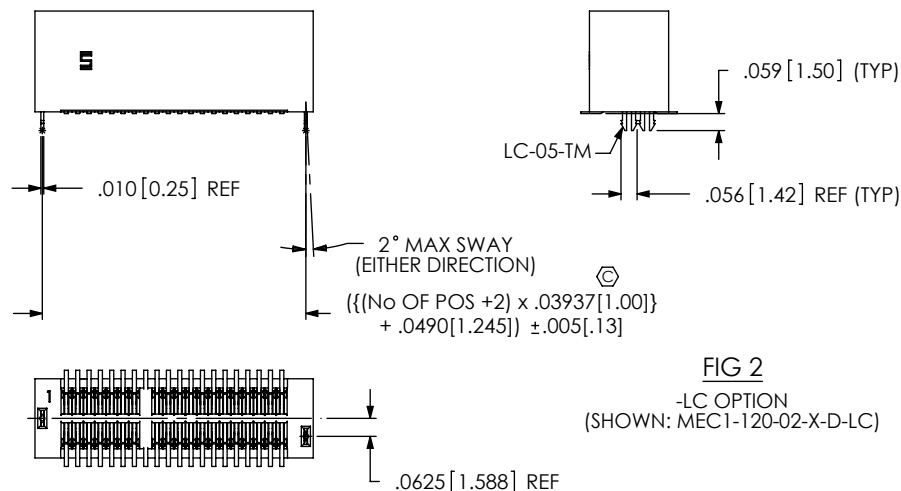
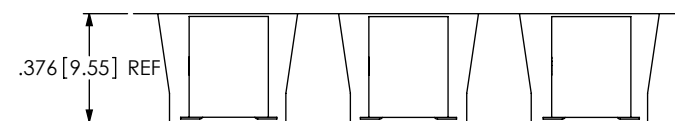
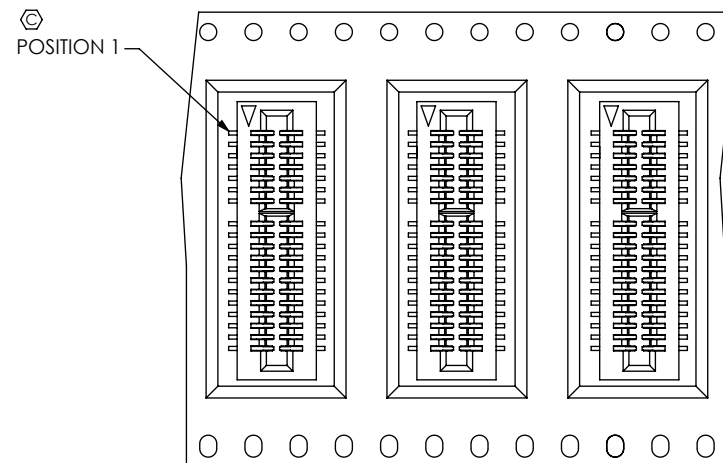


FIG 5
-TR: TAPE & REEL PACKAGING VIEW
(NOT DRAWN TO SCALE)



USER DIRECTION OF UNREELING →

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

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.

DO NOT SCALE DRAWING

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