

**TABLE 3**

EDGE MOUNT OPTION	"B"	"C"	"D"	"E"	"F"
-EM1	.016 [1.41]	.027 [.69]	.185 [4.70]	.050 [1.27]	.126 [3.20]
-EM2	.054 [1.37]	.058 [1.47]	.195 [4.95]	.070 [3.12]	.108 [2.74]

**TABLE 1**

CARD SLOT THICKNESS	"A"	"G"
-02	.072 [1.83]	.0265[.673]

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

**No OF POSITIONS**  
 -05, -08, -20, -30,  
 -40, -50, -60 & -70  
 (PER ROW)

**PACKAGING**  
 BLANK: TRAY (SEE NOTES 9 & 10)  
 -TR: TAPE & REEL (SEE NOTES 10 & 11)  
 -FR: FULL REEL QTY TAPE & REEL  
 (SEE NOTES 10 & 11)  
 (SEE PAGE 2 TAPE & REEL PACKAGE VIEW,  
 -TR & -FR NOT AVAILABLE FOR -60 OR -70 POS)

**CARD SLOT THICKNESS**  
 -02: .062 THICK CARD  
 (USE MEC1-XX-S-D-EMX-X)  
 (SEE TABLE 1)

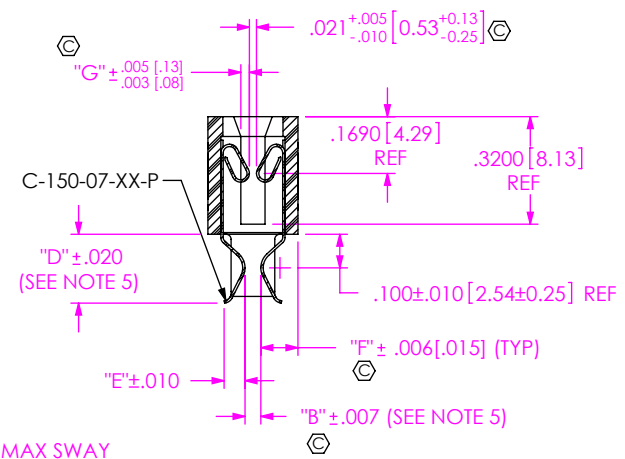
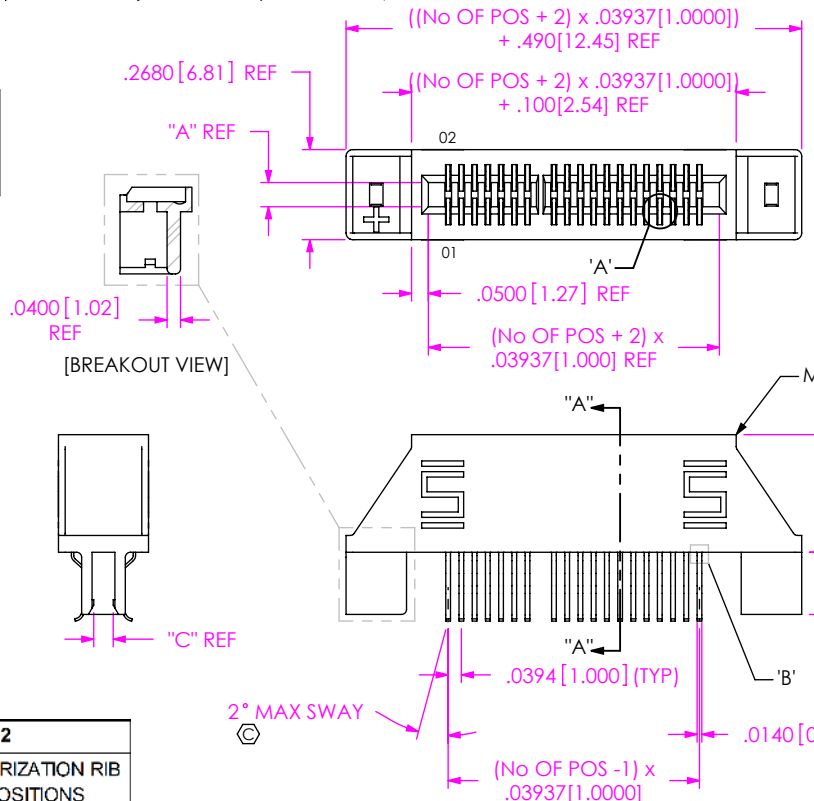
**OPTIONS**  
 -NP: NO POLARIZED POSITION  
 (USE MEC1-XX-X-D-EMX-N)  
 (ONLY AVAILABLE ON -05,  
 -08, -20 & -30 POSITIONS)  
 -BLANK: BODY IS POLARIZED

**EDGE MOUNT OPTION**  
 -EM1: .031 THICK PCB  
 -EM2: .062 THICK PCB  
 (SEE TABLE 3)

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

**PLATING**  
 -F: FLASH GOLD  
 (USE C-150-07-F-P)  
 -L: LIGHT SELECTIVE GOLD  
 (USE C-150-07-L-P)  
 -S: SELECTIVE GOLD  
 (USE C-150-07-S-P)  
 -FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL  
 (USE C-150-07-F-P)  
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL  
 (USE C-150-07-L-P)  
 -SM: SELECTIVE GOLD, MATTE TIN TAIL  
 (USE C-150-07-S-P)

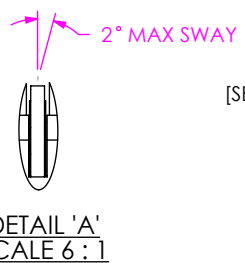
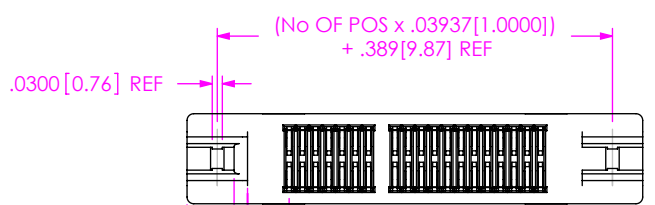
DO NOT  
 SCALE FROM  
 THIS PRINT



SECTION "A"-"A"  
 (SEE CONTACT IN-PROCESS VIEW)

**TABLE 2**

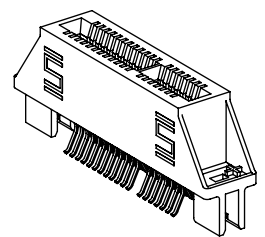
POSITIONS	POLARIZATION RIB POSITIONS
-05	03 & 04
-08	05 & 06
-20	15 & 16
-30	21 & 22
-40	31 & 32
-50	41 & 42
-60	31 & 32, 63 & 64
-70	53 & 54, 115 & 116



DETAIL 'A'  
 SCALE 6 : 1

**TABLE 4**

POSITIONS	MAX BOW (T/B)
-05 THRU -20	.0025[.064]
-30 THRU -50	.0040[.102]
-60 THRU -70	.0055[.140]



- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
  - BURR ALLOWANCE: .0015[.038] MAX.
  - MINIMUM PUSHOUT FORCE: .5 LB.
  - DELETED.
  - .020[.51] MAX VARIATION ON ONE PART.
  - .0040[.102] MAX ALLOWABLE BURR ON TAILS.
  - DELETED.
  - .0050[.127] MAX BARB PROTRUSION BELOW BODY.
  - TRAYS ARE STANDARD PACKAGING.
  - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
  - ATTACH LABEL -4X2 TO EACH REEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX: ±.01 [.3] 2°  
 .XXX: ±.005 [.13]  
 .XXXX: ±.0020 [.051]

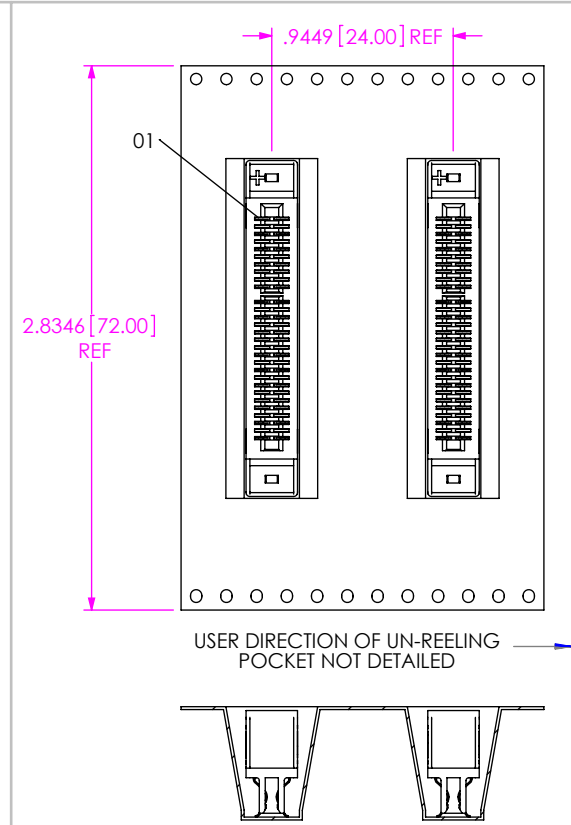
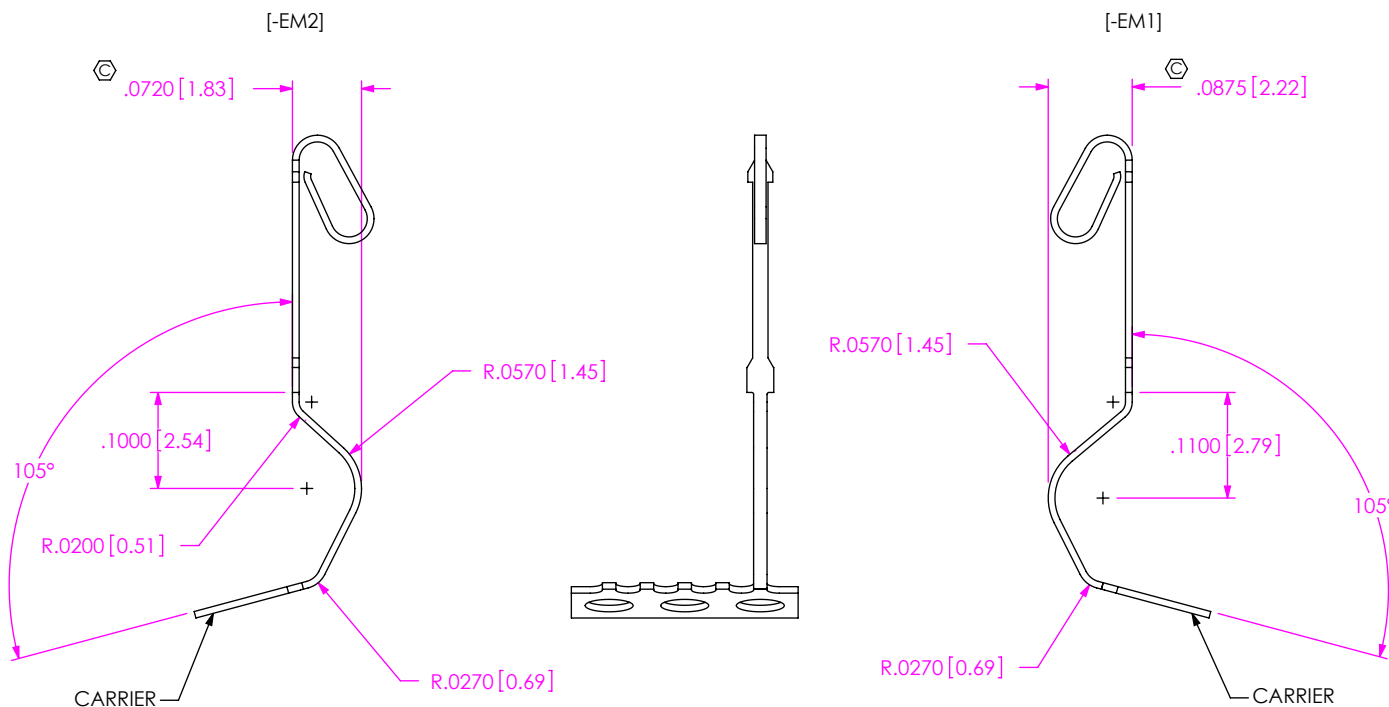
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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1.75:1  
 INSULATOR: LCP, COLOR: BLACK  
 CONTACT: PHOS BRONZE

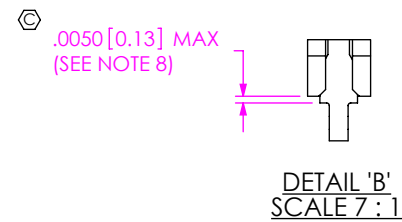
**DESCRIPTION:** 1mm MINI-EDGE, EDGE MOUNT ASSEMBLY  
**DWG. NO.** MEC1-1XX-XX-XX-D-EMX-XX-XX  
**BY:** KEVIN B 5/19/2000 SHEET 1 OF 3



**TAPE & REEL PACKAGING VIEW**  
MEC1-130-02-XX-D-EM2-XR SHOWN

**PACKAGING VIEW**  
[PARTS TO HAVE POSITION #1 LOADED IN SAME DIRECTION FOR ALL PARTS]

TABLE 6		PARTS PER TRAY
POSITIONS	USE TRAY	
-05	TRAY-MEC1001-PR-05-AP-T-B	66
-08	TRAY-MEC1002-PR-08-AP-T-B	66
-20	TRAY-MEC1003-PR-20-AP-T-B	55
-30	TRAY-MEC1004-PR-30-AP-T-B	11
-40	TRAY-MEC1005-PR-40-AP-T-B	33
-50	TRAY-MEC1006-PR-50-AP-T-B	33
-60	TRAY-MEC1007-PR-60-AP-T-B	22
-70	TRAY-MEC1008-PR-70-AP-T-B	22



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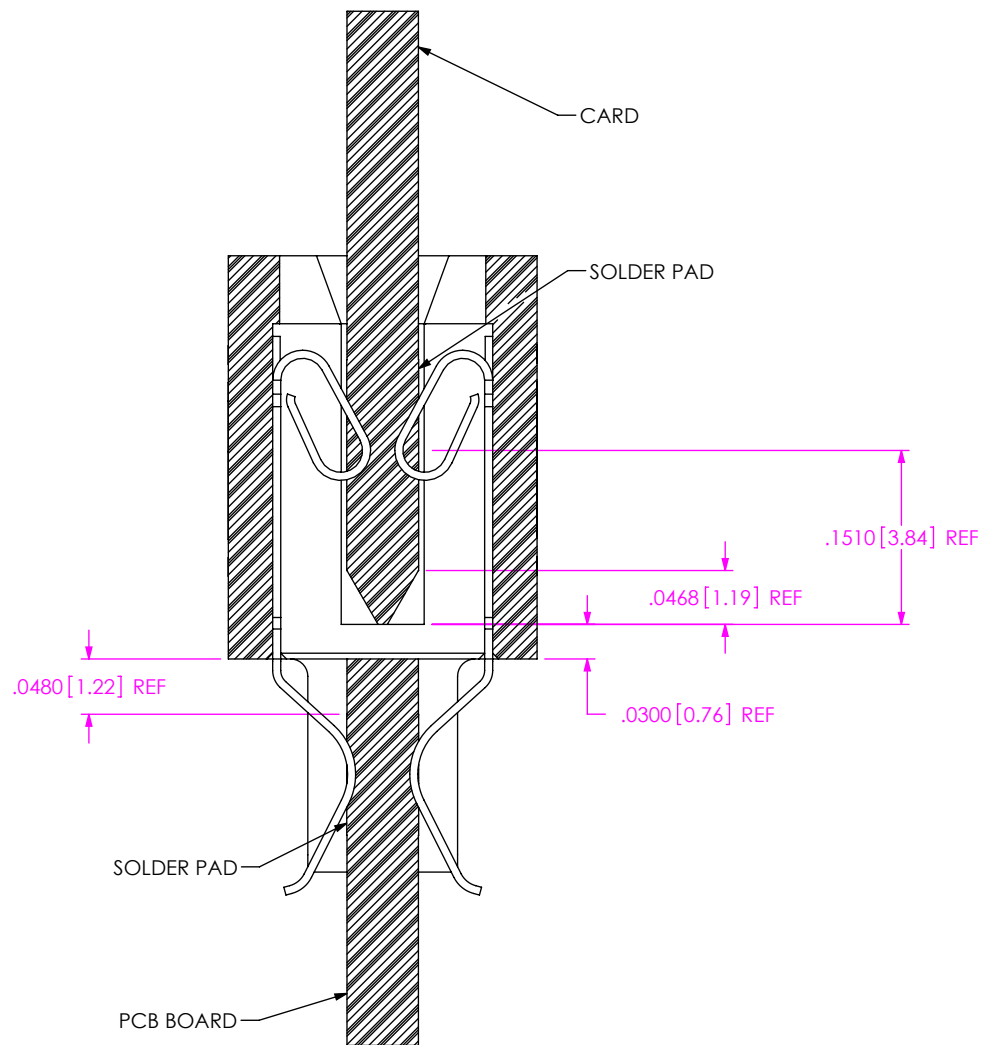
SHEET SCALE: 1.75:1

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1mm MINI-EDGE, EDGE MOUNT ASSEMBLY

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

BY: KEVIN B 5/19/2000 SHEET 2 OF 3



APPLICATION VIEW

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SHEET SCALE: 1:75:1



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

BY: KEVIN B 5/19/2000 SHEET 3 OF 3