

REVISIONS

DO NOT
SCALE FROM
THIS PRINT

EDGE MOUNT OPTION	"B"	"C"	"D"	"E"	"F"
-EM1	.016 [.41]	.027 [.69]	.185 [4.70]	.05 [1.3]	.126 [3.20]
-EM2	.054 [1.37]	.058 [1.47]	.195 [4.95]	.04 [1.0]	.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)

CARD SLOT THICKNESS

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

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)

— 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)

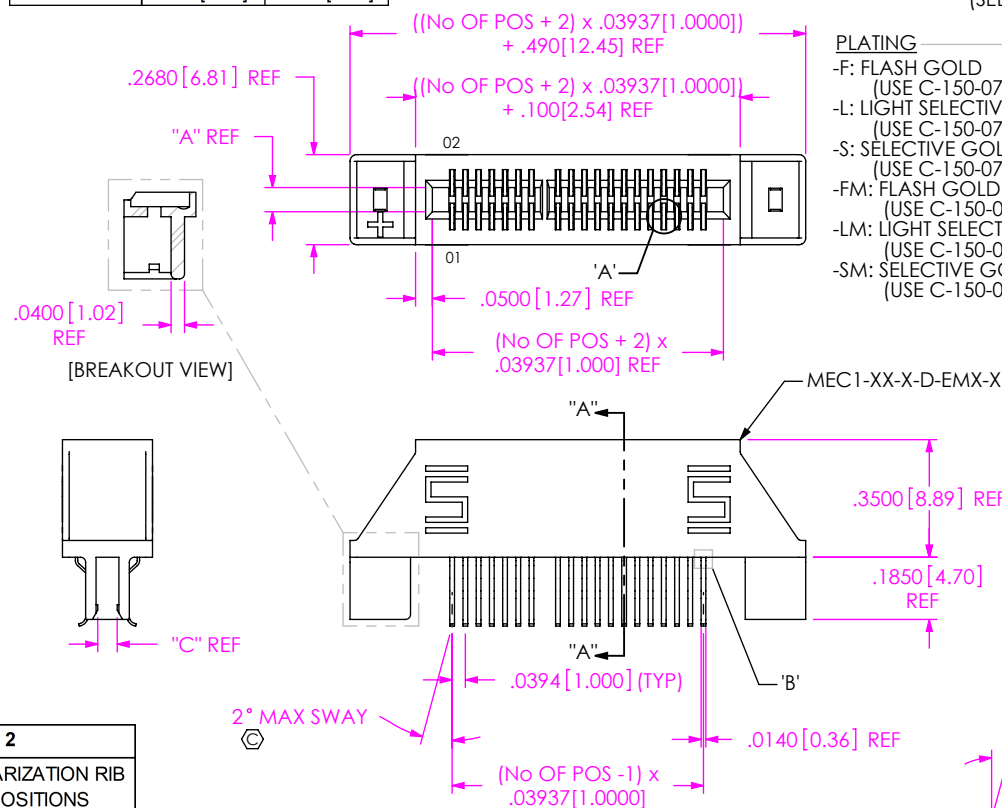
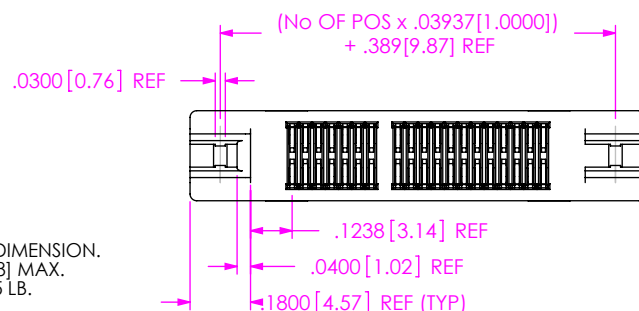


TABLE 2	
POSITIONS	POLARIZATION RIB POSITIONS
-05	03 & 04
-08	05 & 06
-20	15 & 16
-30	21 & 22
-40	31 & 32
-50	41 & 42
-60	31 & 32, 63 & 64
-70	53 & 54, 115 & 116

NOTES:

-
1.  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[.038] MAX.
3. MINIMUM PUSHOUT FORCE: 5 LB.
4. DELETED.
5. .020[.51] MAX VARIATION ON ONE PART.
6. .0040[.102] MAX ALLOWABLE BURR ON TAILS.
7. DELETED.
8. .0050[.127] MAX BARB PROTRUSION BELOW BODY.
9. TRAYS ARE STANDARD PACKAGING.
10. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
11. ATTACH LABEL TO EACH REEL.
- Technical drawing showing dimensions: .1238, .0400 [1], 1800 [4.57] F.



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)

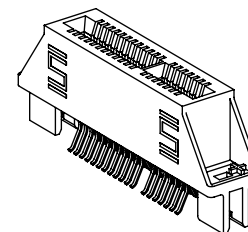
Technical drawing of a C-150-07-XX-P component, showing dimensions and tolerances. The drawing includes a cross-section view of the component, which is a cylindrical part with a central hole and a flange. The dimensions and tolerances are as follows:

- Overall length: $.021^{+.005}_{-.010}$ [0.53 $^{+.13}_{-.25}$]
- Dimension "G": $"G" \pm .005$ [.13 $^{+.08}_{-.03}$]
- Dimension "D": $"D" \pm .010$ (SEE NOTE 5)
- Dimension "E": $"E" \pm .006$ [.015] (TYP)
- Dimension "B": $"B" \pm .007$ (SEE NOTE 5)
- Dimension "F": $"F" \pm .006$ [.015] (TYP)
- Dimension "A": $.1690$ [4.29] REF
- Dimension "C": $.3200$ [8.13] REF
- Dimension "D": $.100 \pm .010$ [2.54 $\pm .25$] REF

The drawing also includes a callout for the part number: C-150-07-XX-P.

SECTION "A"- "A"
[SEE CONTACT IN-PROCESS VIEW]

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



DETAIL 'A'
SCALE 6 : 1

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
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.XX: $\pm .01$ [.3]

.XXX: ± 0.005 [13]
.XXXX: ± 0.0020 [0]

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE

SHEET SCALE: 1.75:1

DESCRIPTION:
1mm MINI-EDGE, EDGE MOUNT ASSEMBLY

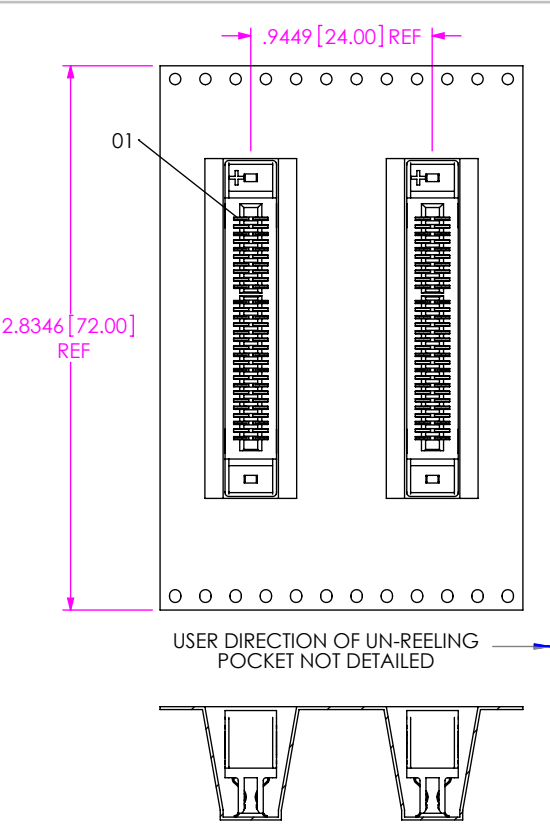
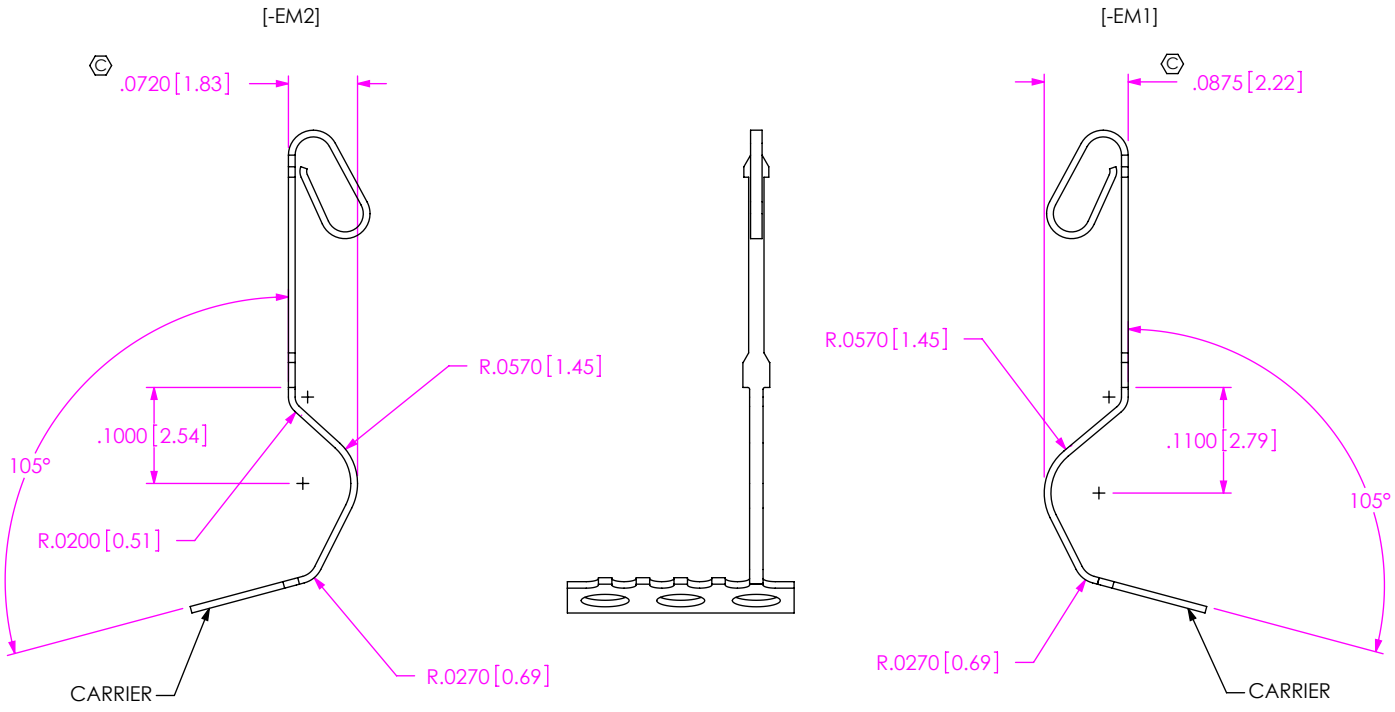
DWG. NO.

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

BY: KEVIN B

5/19/2000

SHEET 1 OF 3



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

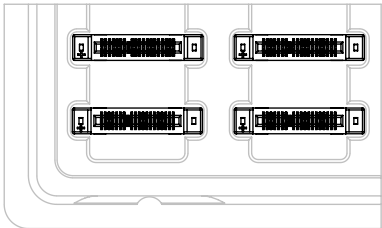
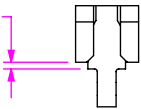


TABLE 5		PARTS PER TRAY
POSITIONS	USE TRAY	
-05	TRAY-MEC1001-PR-05-AP-T-B	66
-08	TRAY-MEC1002-PR-08-AP-T-B	66
-20	TRAY-MEC1003-PR-20-AP-T-B	55
-30	TRAY-MEC1004-PR-30-AP-T-B	11
-40	TRAY-MEC1005-PR-40-AP-T-B	33
-50	TRAY-MEC1006-PR-50-AP-T-B	33
-60	TRAY-MEC1007-PR-60-AP-T-B	22
-70	TRAY-MEC1008-PR-70-AP-T-B	22

.0050 [0.13] MAX
(SEE NOTE 8)



DETAIL 'B'
SCALE 7 : 1

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DO NOT SCALE DRAWING

SHEET SCALE: 1.75:1

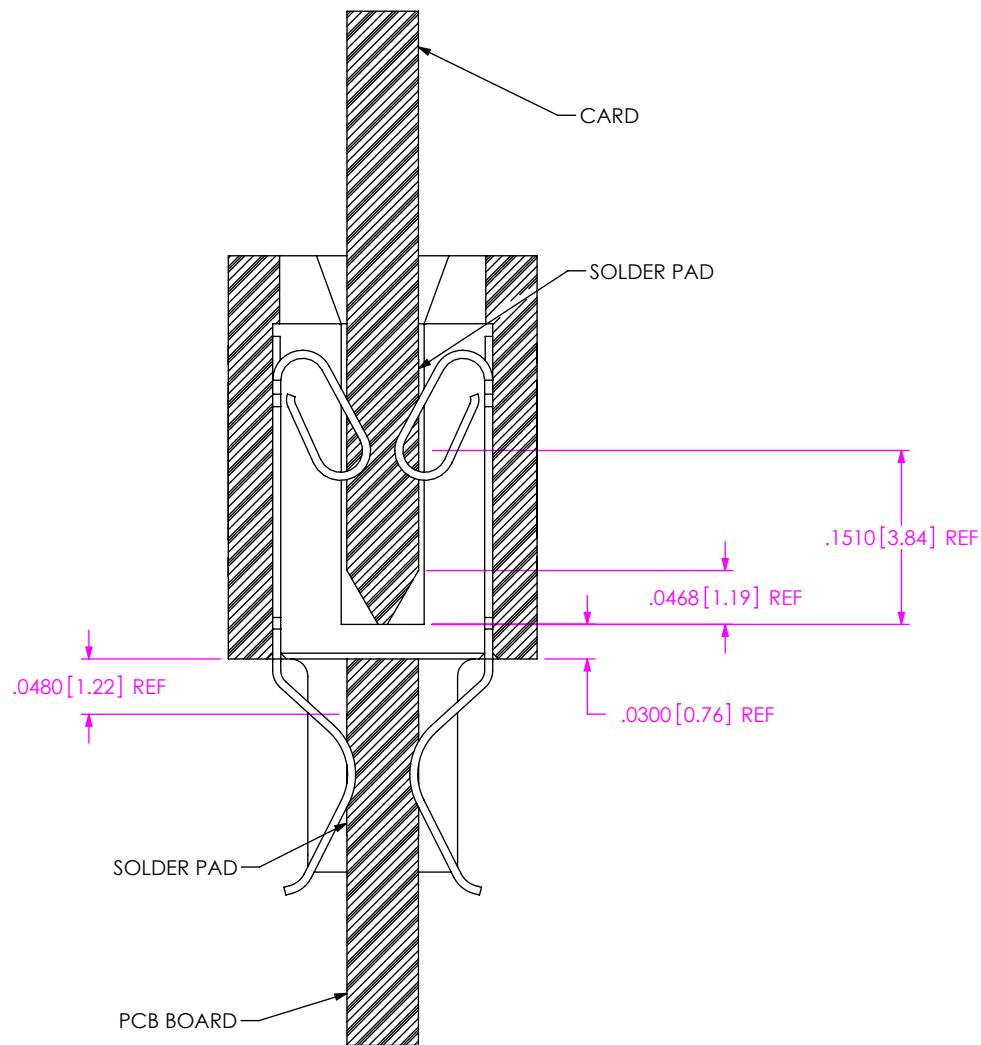
samtec

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