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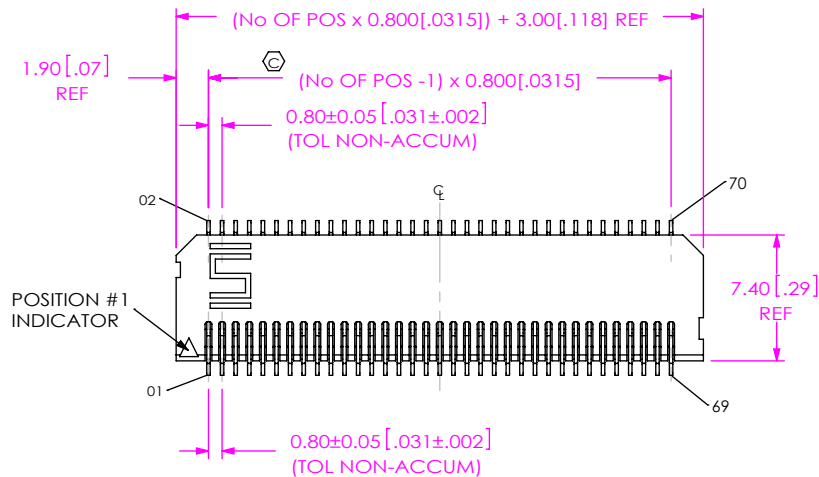
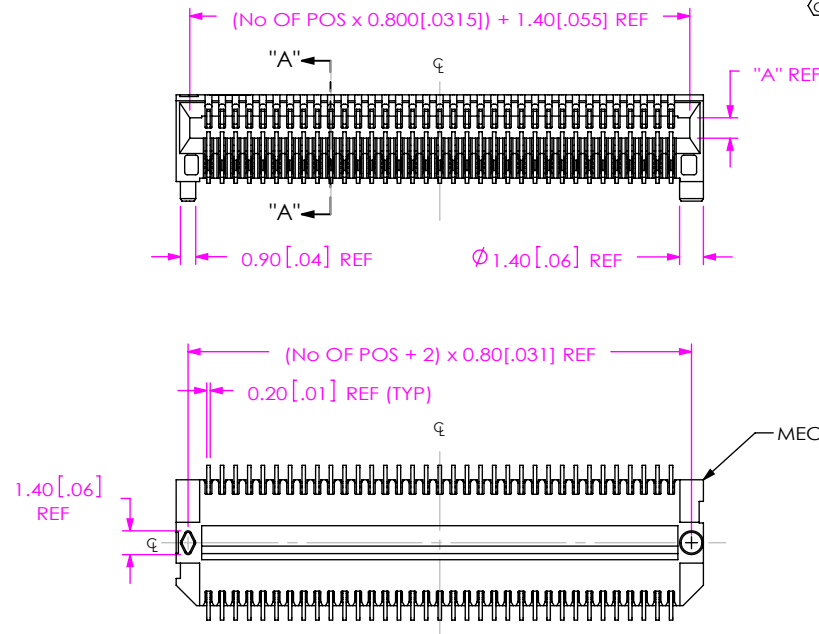


FIG 1  
FOR POSITIONS -10, -20, -30 & -35  
(SHOWN: MEC8-135-01-XX-D-RA1)



MEC8-1XX-XX-XX-D-RXX-XX

No OF POSITIONS (PER ROW)

- 10, -20, -30, -35 (SEE FIG 1)
- 40 & -50 (SEE FIG 2, SHEET 2)
- 13, -25, -37, -49 (-02 CARD THICKNESS ONLY, SEE FIG 2)

CARD THICKNESS

- 01: 1mm [.039] THICK CARD (USE MEC8-XX-01-D-RAX)
- \*\* -02: 1.57mm [.062] THICK CARD (USE MEC8-XX-02-D-RAX)

PLATING

- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION

-TR: TAPE & REEL (SEE FIG 5, SHT 3)

TAIL OPTION

- RA1: STANDARD (SEE FIG 1) (USE MEC8-XX-XX-D-RA1, C-173-01-X & C-174-XX-X)
- \*-RA2: ELEVATED (SEE FIG 3, SHT 3) (USE MEC8-XX-XX-D-RA2, C-173-02-X & C-174-02-X)
- RL1: LATCHING (SEE FIG 4, SHT 4) (USE MEC8-XX-XX-D-RL1, C-173-01-X, C-174-03-X & WT-25-03-T, AVAILABLE IN POS -13, -25, -37 & -49)

ROW SPECIFICATION

-D: DOUBLE (USE MEC8-XX-XX-D-RXX)

\* = NOT TOOLED  
\*\* = SEE NOTE 4

TABLE 1	
No OF POS	COPLANARITY
-10 THRU -39	0.102[.0040]
-40 THRU -50	0.152[.0060]

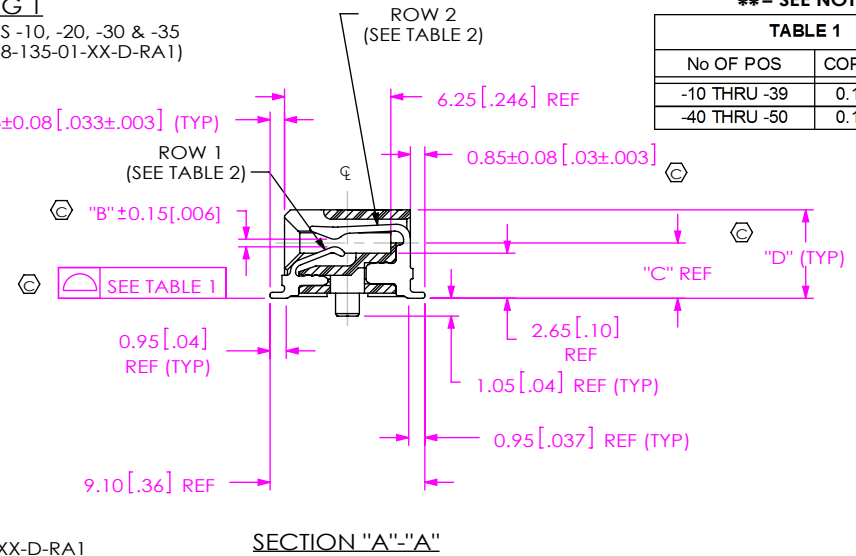
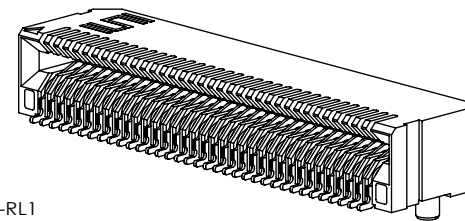


TABLE 2							
TAIL OPTION	CARD THICKNESS	ROW 1 CONTACT	ROW 2 CONTACT	"A"	"B"	"C"	"D"
-RA1	-01	C-173-01-XX	C-174-01-XX	1.20[.047]	0.45[.018]	3.25[.128]	5.20[.205]
	-02	C-173-01-XX	C-174-03-XX	1.80[.071]	0.95[.037]	3.54[.139]	5.78[.227]
*-RA2	-01	C-173-02-XX	C-174-02-XX	1.20[.047]	0.45[.018]	5.25[.207]	7.20[.283]
-RL1	-02	C-173-01-XX	C-174-03-XX	1.80[.071]	0.95[.037]	3.54[.139]	5.78[.227]

DESIGNED & DIMENSIONED  
IN MILLIMETERS  
(INCHES FOR REFERENCE ONLY)



- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
  - BURR ALLOWANCE: 0.038[.0015] MAX.
  - MINIMUM PUSHOUT FORCE: .5 LB.
  - 02 CARD THICKNESS ONLY AVAILABLE ON -RA1 & -RL1 TAIL OPTION.
  - PARTS TO BE PACKAGED IN TRAYS UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:  
 DECIMALS ANGLES  
 .X: ±.3 [.01]  
 .XX: ±.13 [.005]  
 .XXX: ±.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.25:1  
 FLAMMABILITY RATING: UL 94V-0  
 INSULATOR: LCP  
 -01: COLOR: NATURAL  
 -02: COLOR: BLACK  
 CONTACT: PHOS BRONZE  
 WELB TABS: PHOS BRONZE

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 5332

DESCRIPTION:  
 0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY  
 DWG. NO.  
**MEC8-1XX-XX-XX-D-RXX-XX**  
 BY: KEVIN B 10/18/01 SHEET 1 OF 4

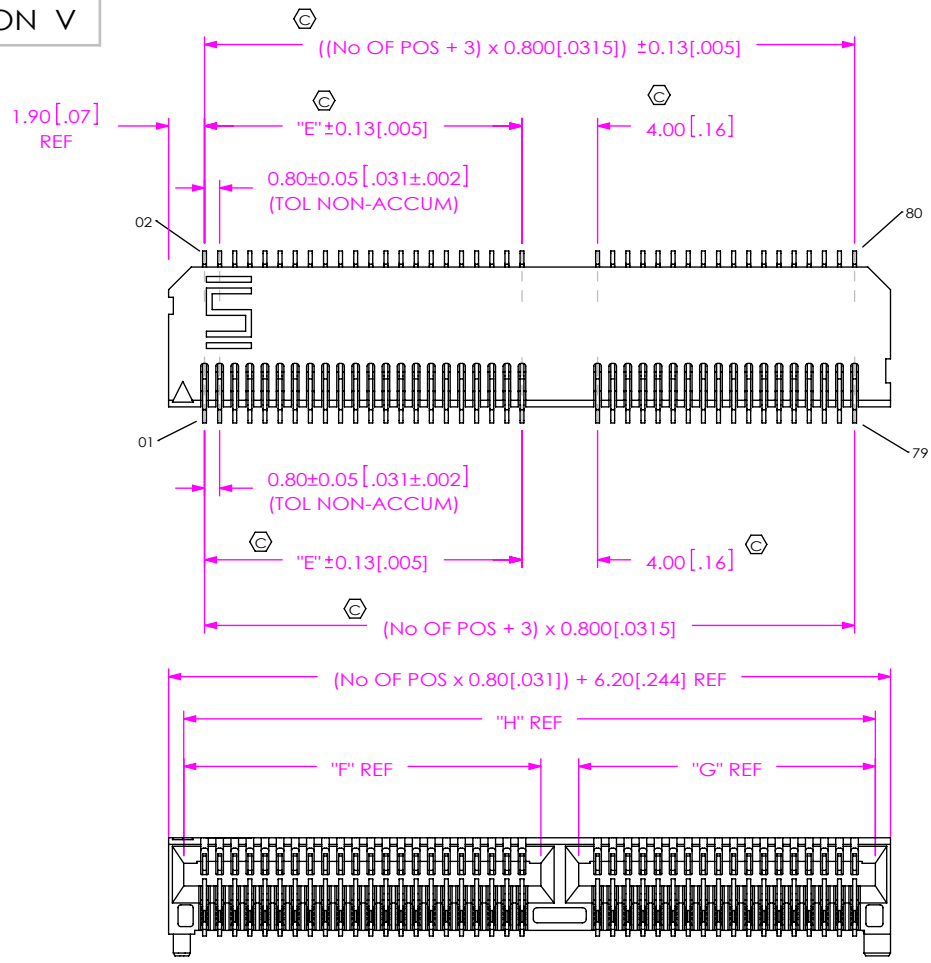
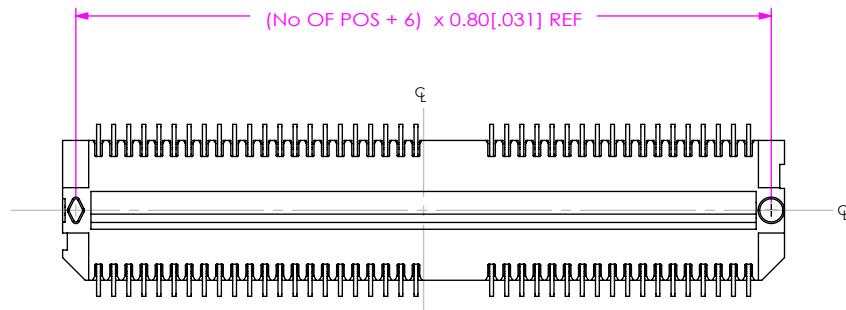
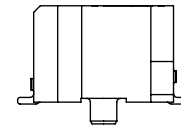


FIG 2

FOR POSITIONS -13, -25, -37, -40, -49 & -50  
 (FOR -13, -25, -37 & -49: -02 CARD THICKNESS ONLY)  
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)  
 (SHOWN: MEC8-140-01-XX-D-RA1)

TABLE 3				
No OF POSITIONS	"E"	"F" REF	"G" REF	"H" REF
-13	4.000[.1575]	6.10[.240]	6.90[.272]	15.00[.591]
-25	4.000[.1575]	6.10[.240]	16.50[.650]	24.60[.969]
-37	16.000[.6299]	18.10[.713]	14.10[.555]	34.20[1.346]
-40	16.800[.6614]	18.90[.744]	15.70[.618]	36.60[1.441]
-49	20.800[.8189]	22.90[.902]	18.90[.744]	43.80[1.724]
-50	20.800[.8189]	22.90[.902]	19.70[.776]	44.60[1.756]



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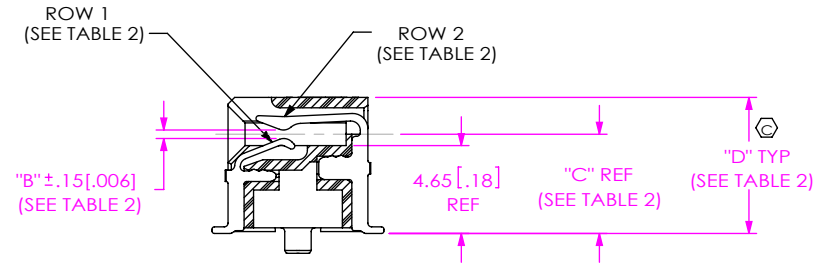
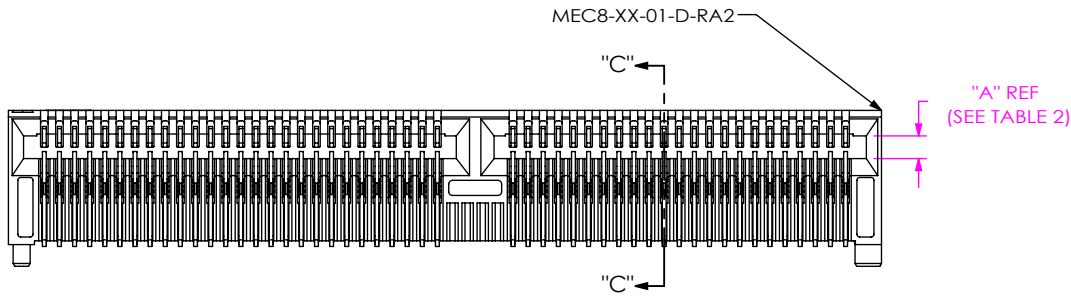
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

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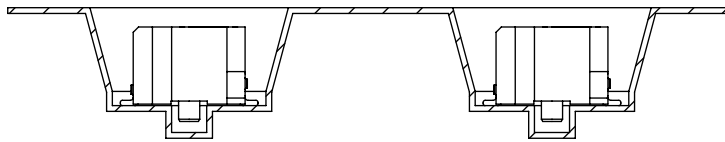
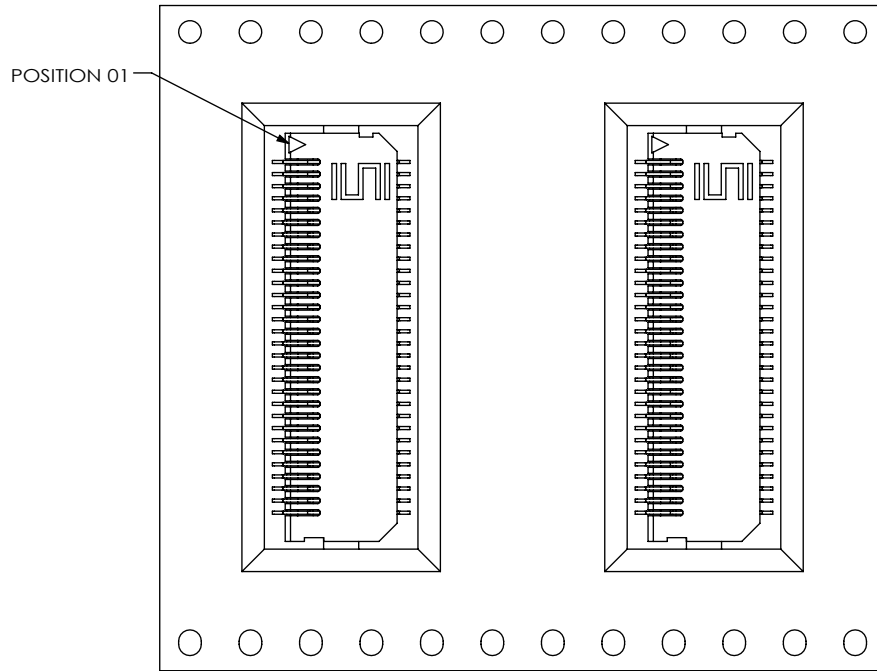
DWG. NO.  
**MEC8-1XX-XX-XX-D-RXX-XX**

BY: KEVIN B 10/18/01 SHEET 2 OF 4

**FIG 3**  
 -RA2: ELEVATED OPTION  
 (SAME AS FIG 2, UNLESS OTHERWISE STATED)  
 (SHOWN: MEC8-150-01-XX-D-RA2)  
 \* = NOT TOOLED



SECTION "C"-"C"



USER DIRECTION OF UNREELING →  
 POCKET NOT DETAILED

**FIG 5**  
 TAPE & REEL

c:\enterprisevault\DWG\MISC\MKTG\MEC8-1XX-XX-XX-D-RXX-XX-MKT.SLDDRW

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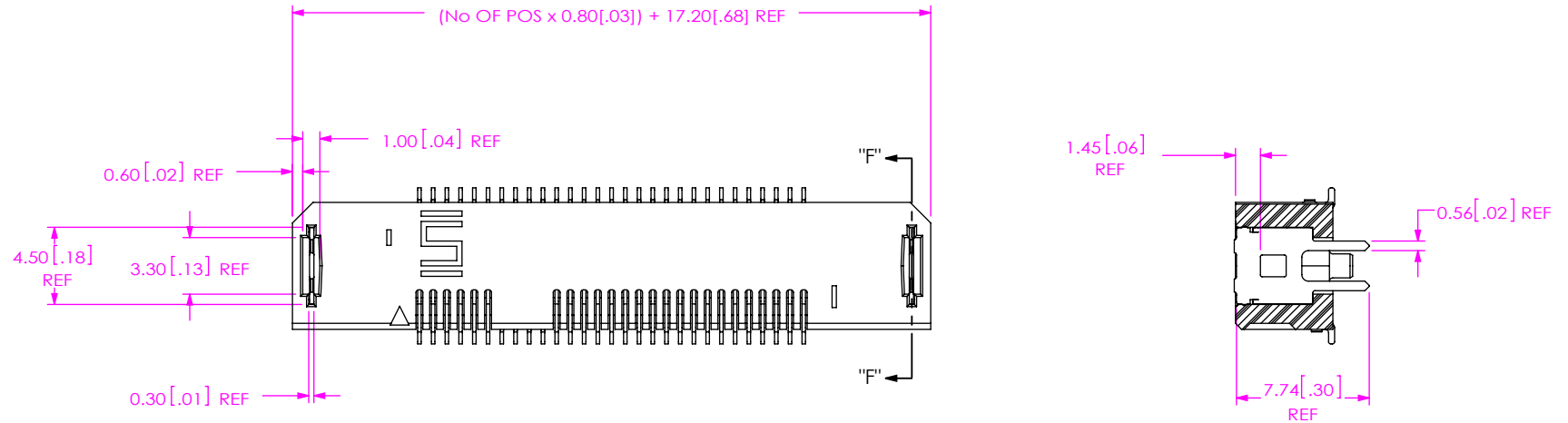


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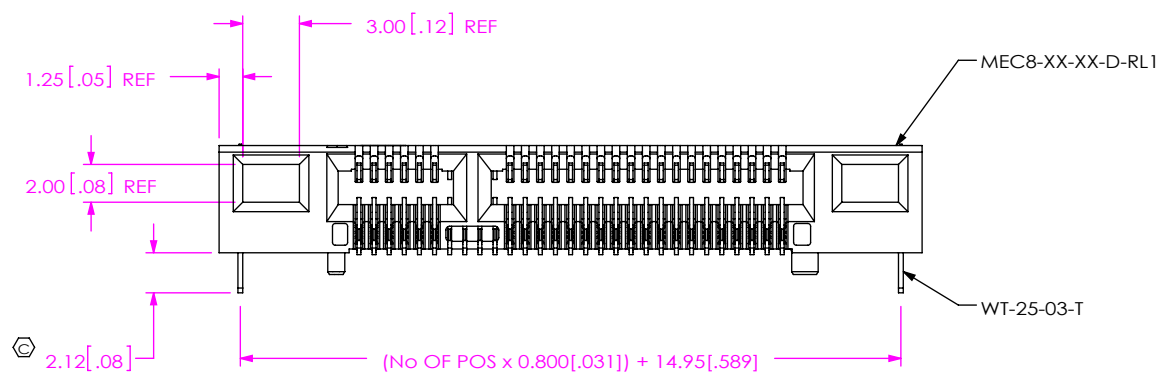
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BY: KEVIN B 10/18/01 SHEET 3 OF 4



SECTION "F"- "F"



**FIG 4**  
 -RL1: LATCHING OPTION  
 (SAME AS FIG 2, UNLESS OTHERWISE STATED)  
 (SHOWN: MEC8-125-01-XX-D-RL1  
 (AVAILABLE ONLY IN POS  
 -13, -25, -37 & -49)

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