

**DESIGNED & DIMENSIONED IN MILLIMETERS
(INCHES FOR REFERENCE ONLY)**

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

DO NOT SCALE FROM THIS PRINT

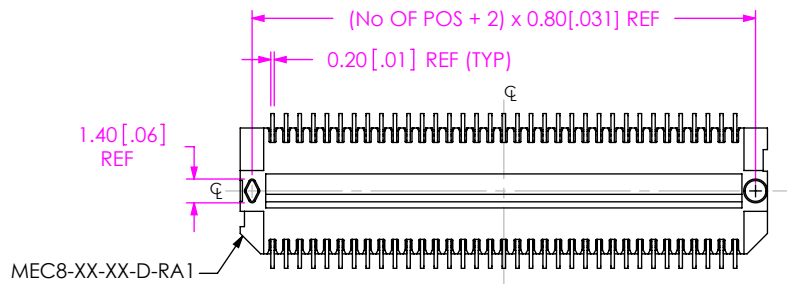
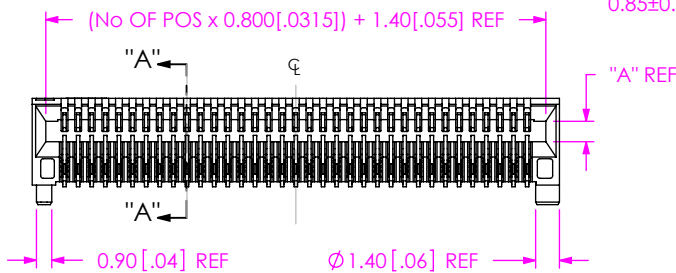
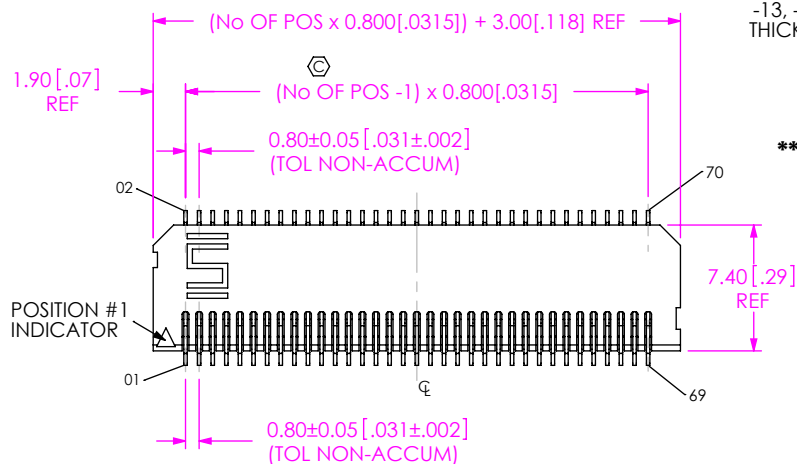


FIG 1
FOR POSITIONS -10, -20, -30 & -35
(SHOWN: MEC8-135-01-XX-D-RA1)

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)

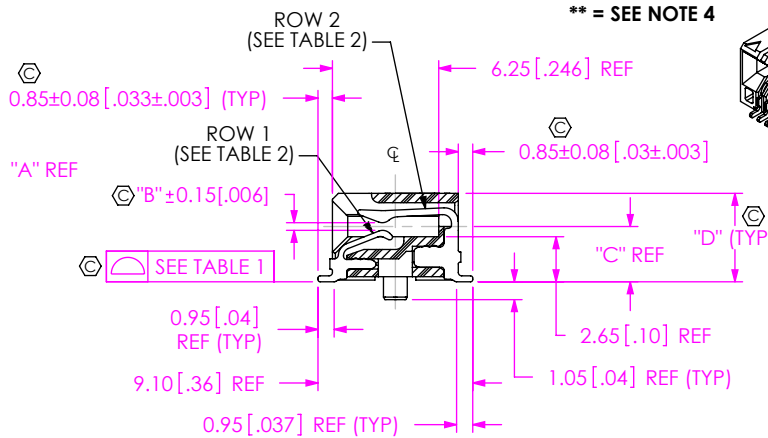
PLATING
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-LM: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

PACKAGING
BLANK: TRAY (SEE NOTES 5 & 6)
-TR: TAPE & REEL (SEE FIG 5, SHT 3) (SEE NOTES 6 & 7)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 6 & 7)

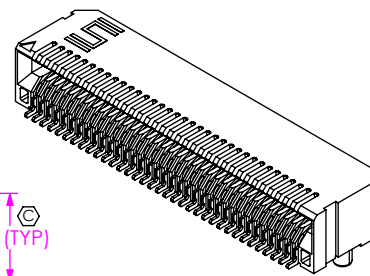
TAIL OPTION
-RA1: STANDARD (SEE FIG 1) (USE MEC8-XX-XX-D-RA1, C-173-01-X & C-174-XX-X)
* -RA2: ELEVATED (SEE FIG 3, SHT 3) (USE MEC8-XX-XX-D-RA2, C-173-02-X & C-174-02-X)
-RL1: LATCHING (SEE FIG 4, SHT 4) (USE MEC8-XX-XX-D-RL1, C-173-01-X, C-174-03-X & WT-25-03-T, AVAILABLE IN POS -13, -25, -37 & -49)

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

* = NOT TOOLED
** = SEE NOTE 4



SECTION "A"-A"



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

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]

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: .5 LB.
4. -02 CARD THICKNESS ONLY AVAILABLE ON -RA1 & -RL1 TAIL OPTION.
5. PARTS TO BE PACKAGED IN TRAYS UNLESS OTHERWISE SPECIFIED.
6. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
7. ATTACH LABEL TO EACH REEL.

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

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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: 2.25:1
FLAMMABILITY RATING: UL 94V-0
INSULATOR: LCP
-01: COLOR: NATURAL
-02: COLOR: BLACK
CONTACT: PHOS BRONZE
WELB TABS: PHOS BRONZE

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**

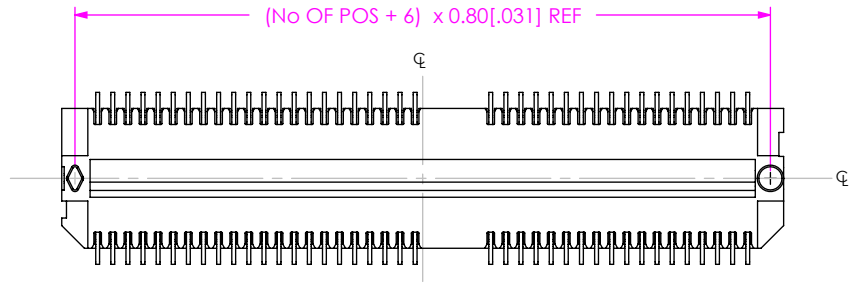
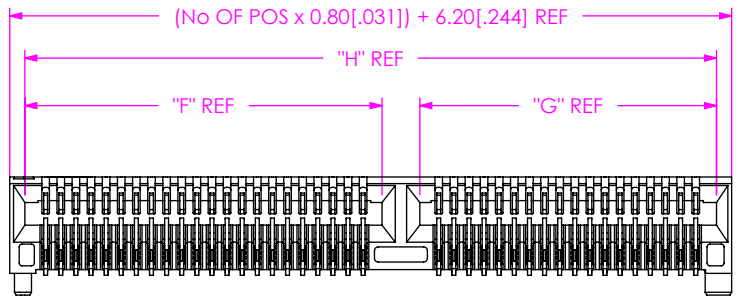
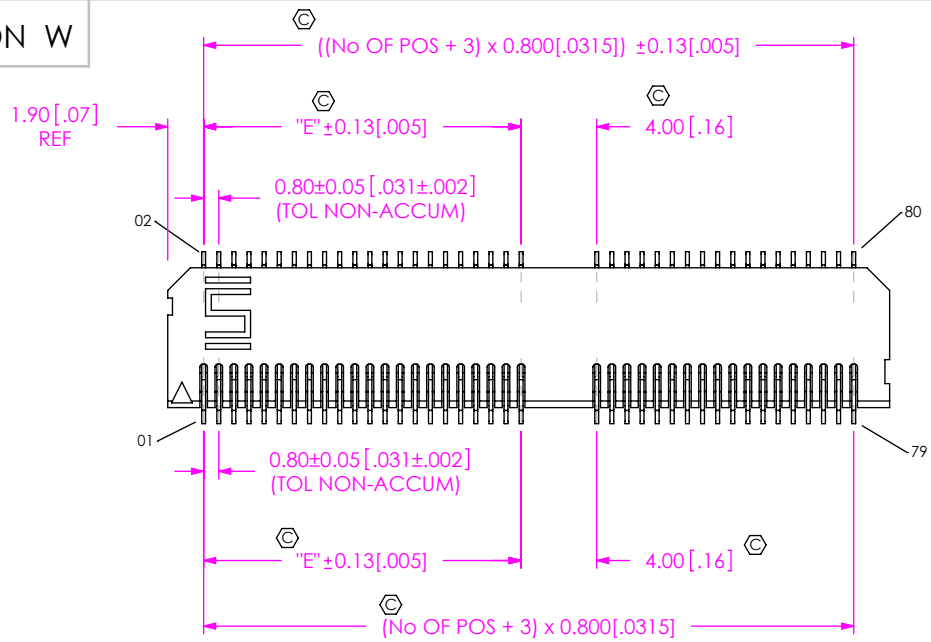
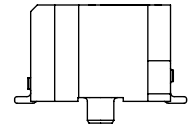


FIG 2
 FOR POSITIONS -13, -25, -37, -40, -49 & -50
 (FOR -13, -25, -37 & -49: -02 CARD THICKNESS ONLY)
 (SAME AS FIG 1, UNLESS OTHERWISE STATED)
 (SHOWN: MEC8-140-01-XX-D-RA1)

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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DO NOT SCALE DRAWING
 SHEET SCALE: 2.5:1



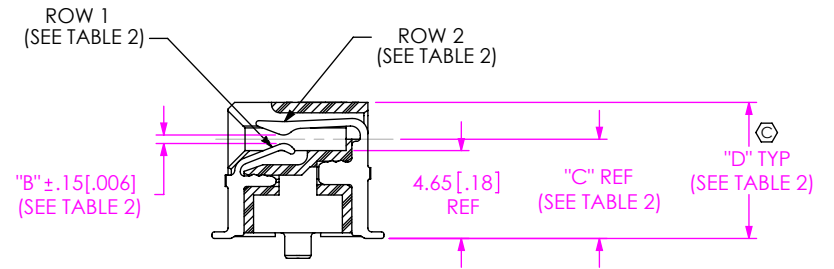
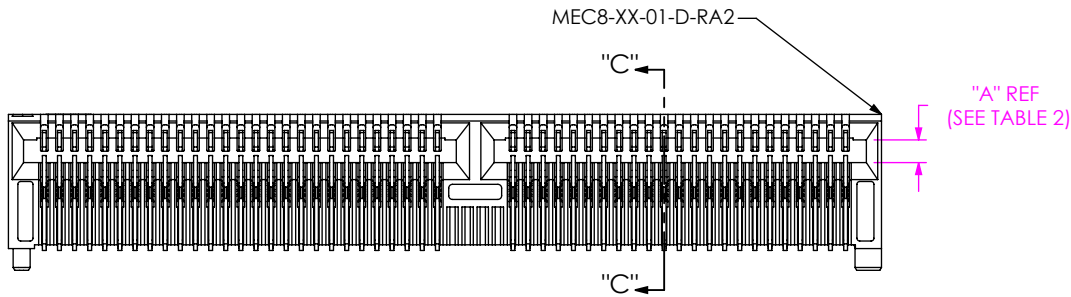
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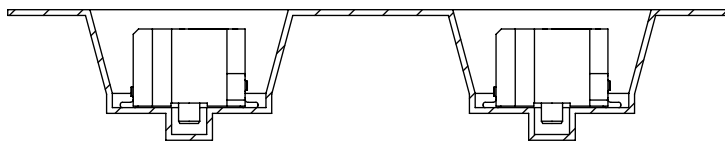
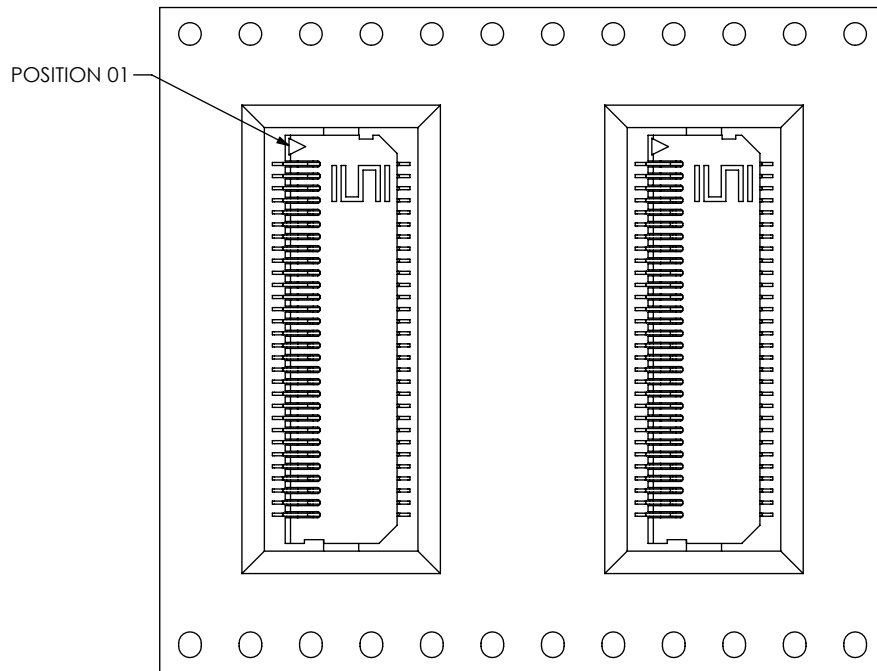
DWG. NO.
MEC8-1XX-XX-XX-D-RXX-XX

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)



SECTION "C"-"C"



USER DIRECTION OF UNREELING →
 POCKET NOT DETAILED

FIG 5
 TAPE & REEL

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

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SHEET SCALE: 2.5:1

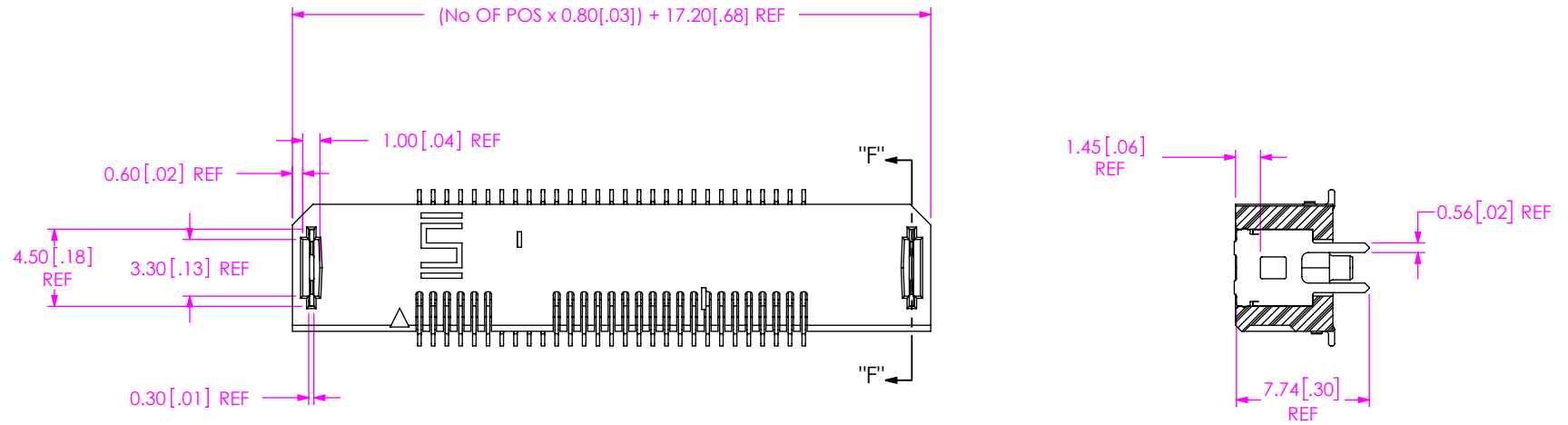


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BY: KEVIN B 10/18/01 SHEET 3 OF 4



SECTION "F"- "F"

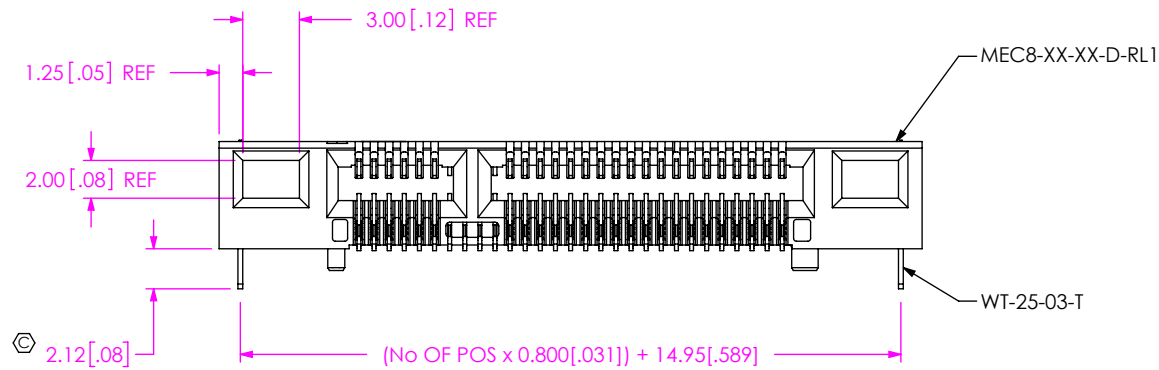


FIG 4
 -RL1: LATCHING OPTION
 (SAME AS FIG 2, UNLESS OTHERWISE STATED)
 (SHOWN: MEC8-125-01-XX-D-RL1
 (AVAILABLE ONLY IN POS
 -13, -25, -37 & -49)

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