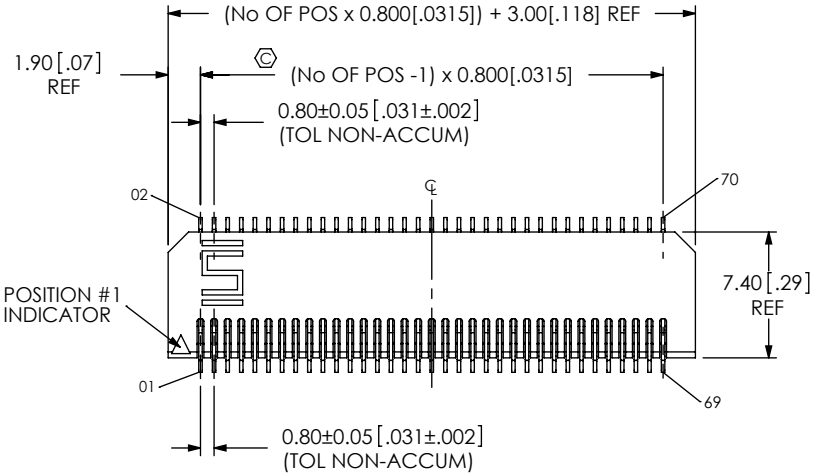
REVISION S

DO NOT SCALE FROM THIS PRINT




# 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)

[S] 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

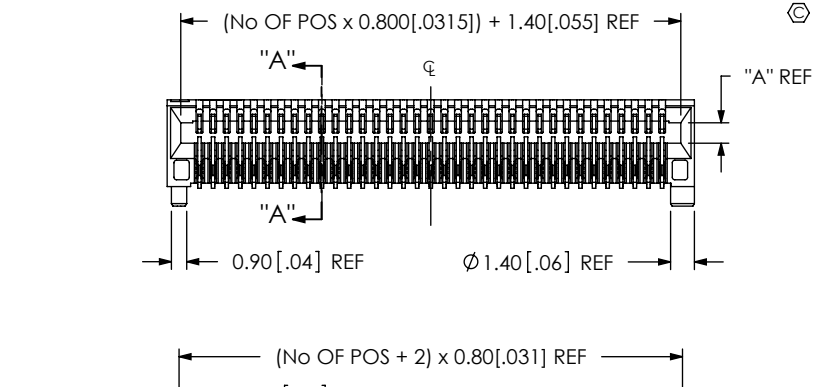
ROW SPECIFICATION
-D: DOUBLE (USE MEC8-XX-XX-D-RXX)

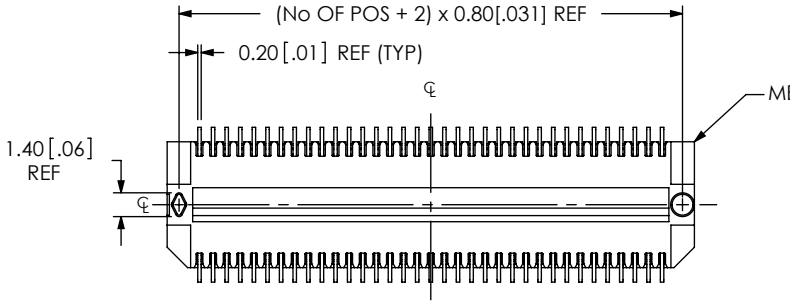
TAIL OPTION
-RA1: STANDARD (SEE FIG. 1) (USE MEC8-XX-XX-D-RA1, C-173-01-X & C-174-XX-X)
*-RA2: ELEVATED (SEE FIG. 3) (USE MEC8-XX-XX-D-RA2, C-173-02-X & C-174-02-X)
-RL1: LATCHING (SEE FIG.4) (USE MEC8-XX-XX-D-RL1, C-173-01-X, C-174-03-X & WT-25-03-T, AVAILABLE IN POS -13, -25, -37 & -49)

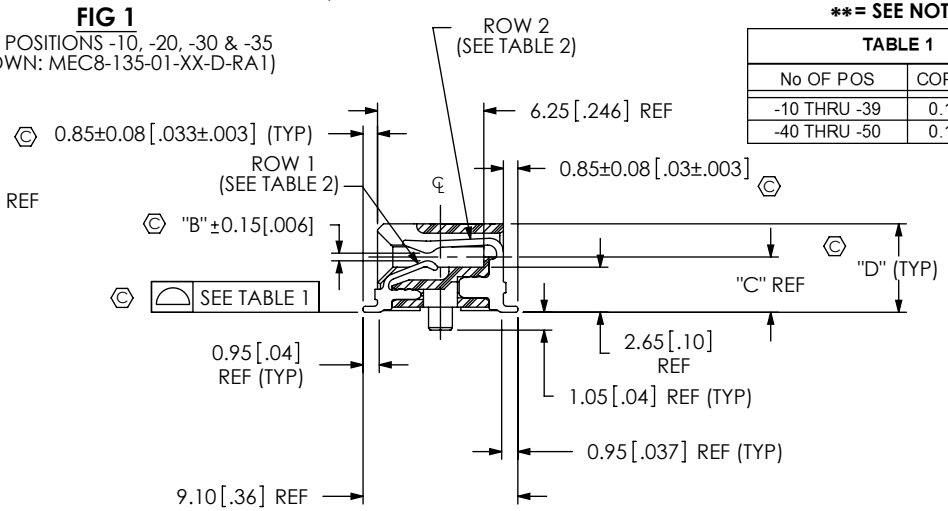
OPTION
-TR: TAPE & REEL

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

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



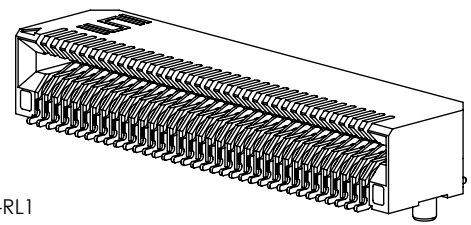




SECTION "A"-"A"

| 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:

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.

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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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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

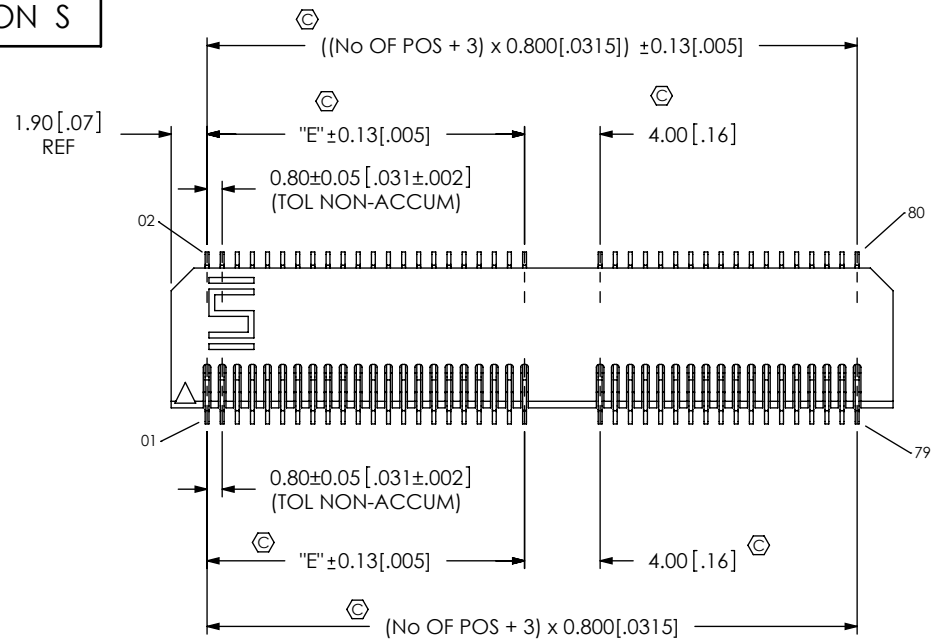
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.25:1
FLAMMABILITY RATING: UL 94V-O
INSULATOR: LCP
-01: COLOR: NATURAL
-02: COLOR: BLACK
CONTACT: PHOS BRONZE
WELB TABS: PHOS BRONZE

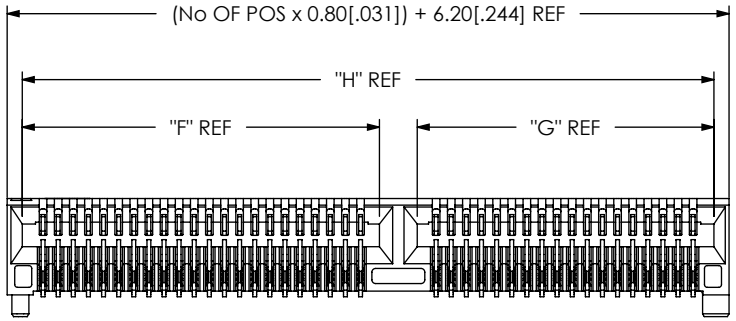
DESCRIPTION:
0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

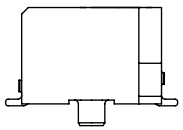
DWG. NO.
MEC8-1XX-XX-XX-D-RXX-XX

BY: KEVIN B 10/18/01 SHEET 1 OF 4

REVISION S



S

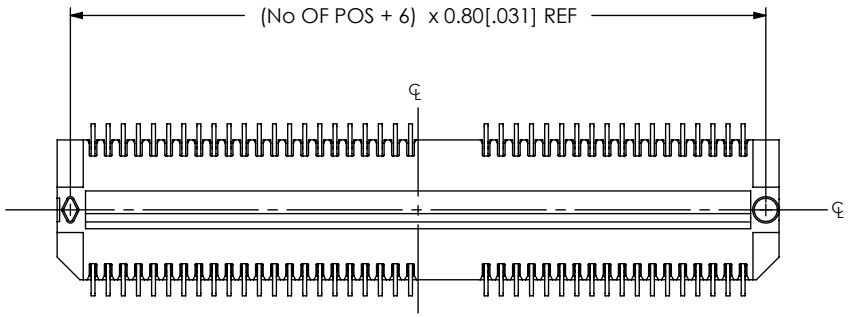



**FIG 2**

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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SHEET SCALE: 2.5:1

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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

DESCRIPTION:
0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

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

BY: KEVIN B 10/18/01



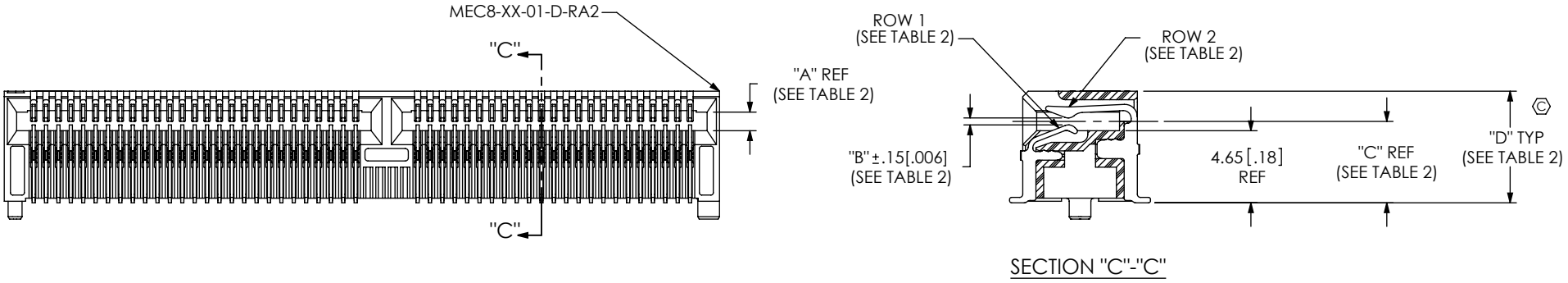
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REVISION S

**FIG 3**

-RA2: ELEVATED OPTION
(SAME AS FIG 2, UNLESS OTHERWISE STATED)
(SHOWN: MEC8-150-01-XX-D-RA2)

*** = NOT TOOLED**




SECTION "C"-"C"

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SHEET SCALE: 2.5:1

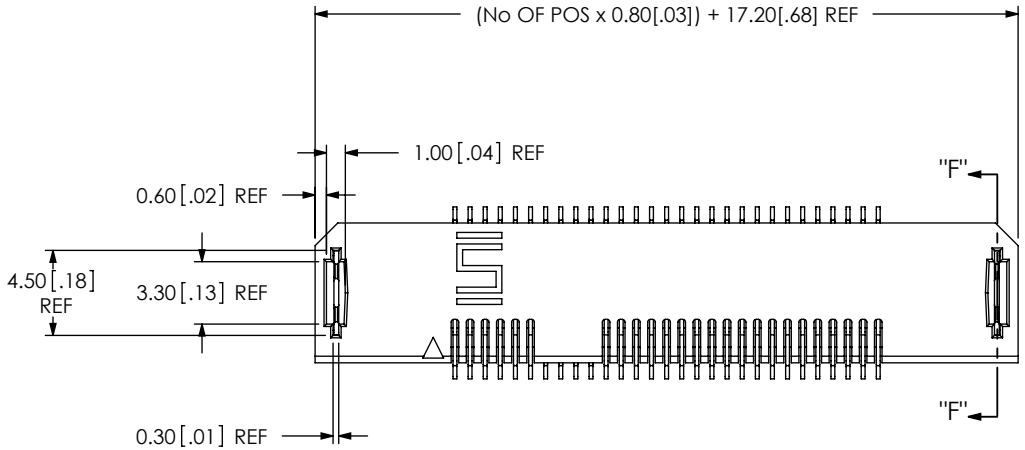

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e-Mail: info@SAMTEC.com code: 55322

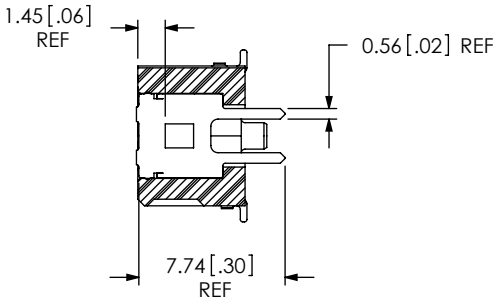

DESCRIPTION:
0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

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

BY: KEVIN B 10/18/01

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SECTION "F"-"F"

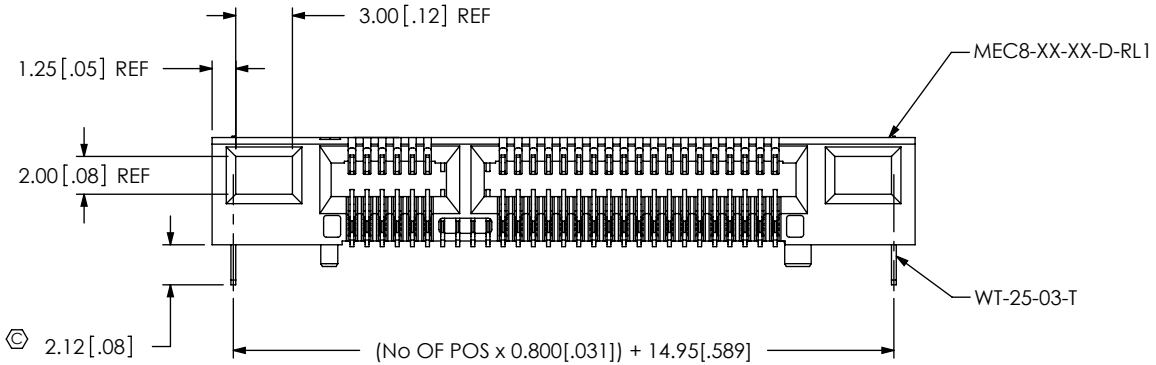



**FIG 4**

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

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0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

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

BY: KEVIN B 10/18/01



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