

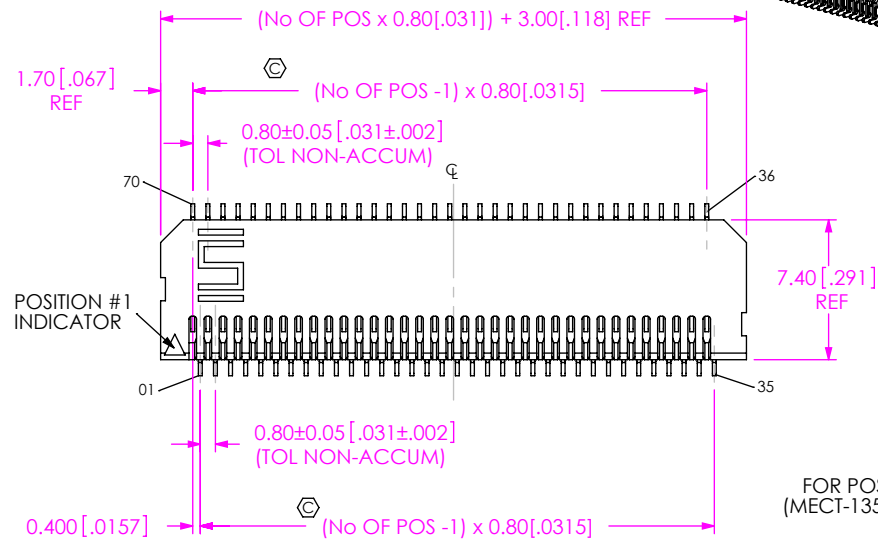
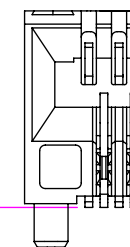
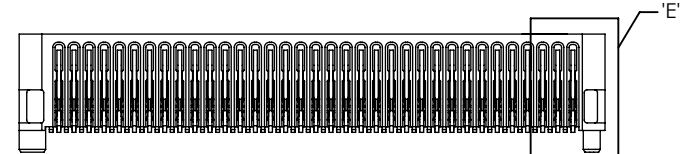
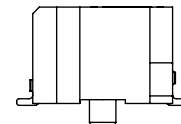
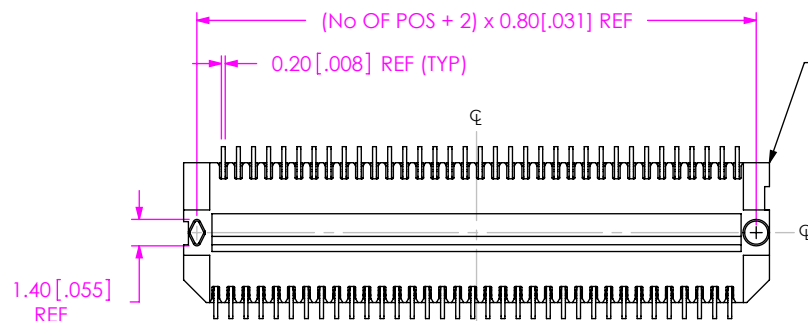
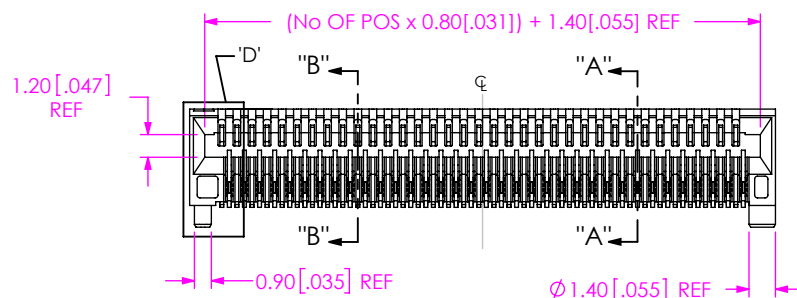
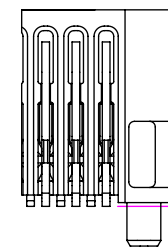
DO NOT  
SCALE FROM  
THIS PRINTDESIGNED & DIMENSIONED  
IN MILLIMETERS  
(INCHES FOR REFERENCE ONLY)

FIG 1

FOR POSITIONS -10, -20 & -35  
(MECT-135-01-XX-D-RA1 SHOWN)DETAIL 'D'  
SCALE 5:1DETAIL 'E'  
SCALE 5:1

## MECT-1XX-XX-XX-D-RAX-XX

## No OF POSITIONS

-10, -15, -20, -35  
(PER ROW)

## CARD THICKNESS

-01: 1mm [.039] THICK CARD  
(USE MECT-XX-01-D-RAX)

## PLATING

-M: SELECTIVE MEDIUM GOLD  
(USE C-173-XX-M & C-174-XX-M)  
-S: SELECTIVE GOLD  
(USE C-173-XX-S & C-174-XX-S)  
-MM: SELECTIVE MEDIUM GOLD, MATTE  
TIN TAIL (USE C-173-XX-M & C-174-XX-M)  
-SM: SELECTIVE GOLD, MATTE TIN  
TAIL (USE C-173-XX-S & C-174-XX-S)

## PACKAGING

BLANK: TUBES  
-TR: TAPE & REEL  
-FR: FULL REEL QTY  
TAPE & REEL

## TAIL OPTION

-RA1: STANDARD (SEE FIG. 1)  
(USE MECT-XX-01-D-RA1,  
C-173-01-X & C-174-04-X)  
\*-RA2: ELEVATED (SEE FIG. 2)  
(USE MECT-XX-01-D-RA2,  
C-173-02-X & C-174-02-X)

## ROW SPECIFICATION

-D: DOUBLE  
(USE MECT-XX-XX-D-RAX)

\* = NOT TOOLED

TABLE 1

No OF POS	COPLANARITY	STRAIGHTNESS ROW 1	STRAIGHTNESS ROW 2
-10 THRU -35	0.102[.0040]	0.102[.0040]	0.102[.0040]
-40 & -50	0.152[.0060]	0.152[.0060]	0.152[.0060]

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:

DECIMALS ANGLES  
.X: ±.3 [.01]  
.XX: ±.13 [.005]  
.XXX: ±.051 [.0020]

## \* PROPRIETARY NOTE \*

THIS DOCUMENT CONTAINS CONFIDENTIAL AND  
PROPRIETARY INFORMATION AND ALL DESIGN,  
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS  
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,  
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE  
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR  
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY  
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS  
WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

INSULATOR: LCP, COLOR: BLACK  
CONTACT: PHOS BRONZEDESCRIPTION:  
0.8mm [.031"] RIGHT ANGLE EDGE CARD ASSEMBLY

DWG. NO.

MECT-1XX-XX-XX-D-RAX-XX

BY: KEVIN B

10/18/01

SHEET 1 OF 3

## NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.381[.0015].
3. MINIMUM PUSHOUT FORCE: .5 LB.
4. TUBES ARE STANDARD PACKAGING
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
6. ATTACH LABEL TO EACH REEL

F:\DWG\MISC\MKTG\MECT-1XX-XX-XX-D-RAX-XX-MKT.SLDDRW

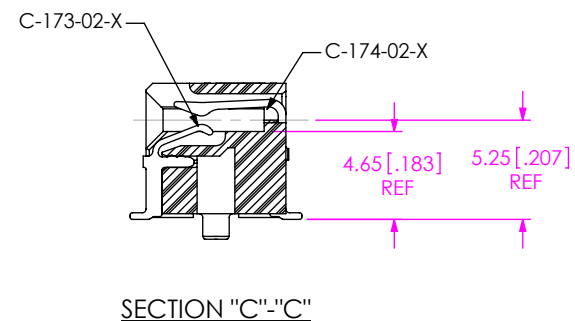
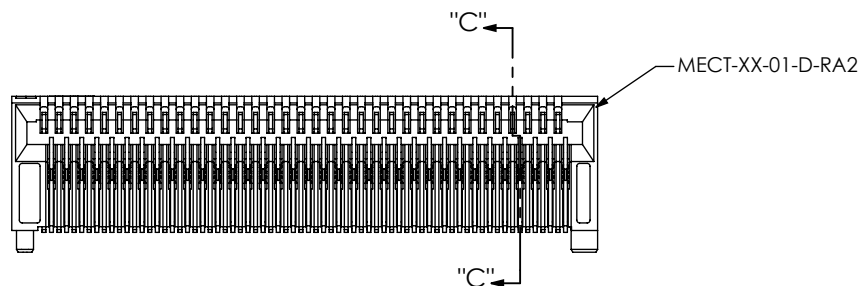
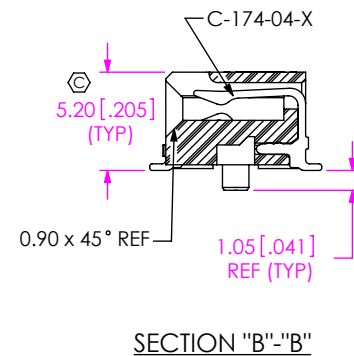
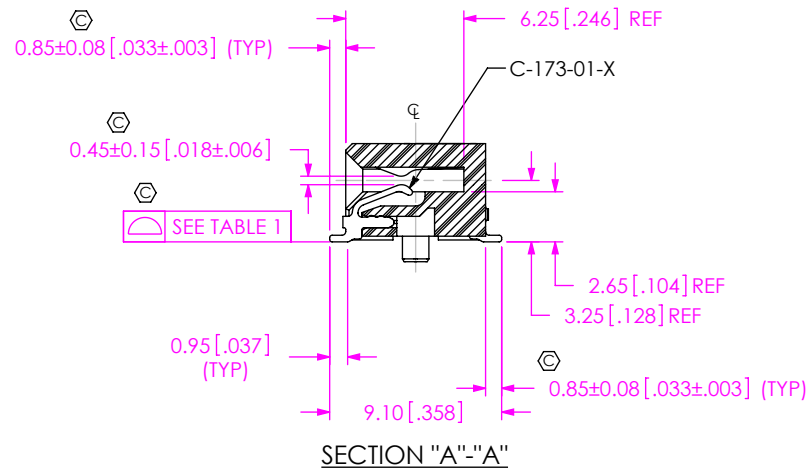


FIG 2  
-RA2: ELEVATED OPTION  
(SAME AS FIG 2, UNLESS OTHERWISE STATED)  
(MECT-135-01-XX-D-RA2 SHOWN)  
\* = NOT TOOLED

F:\DWG\MISC\MKTG\MECT-1XX-XX-XX-D-RAX-XX-MKT.SLDDRW

\* **PROPRIETARY NOTE** \*

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4

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

DWG. NO.  
**MECT-1XX-XX-XX-D-RAX-XX**

BY: KEVIN B 10/18/01 SHEET 2 OF 3

PACKAGING VIEWS  
(LOAD PARTS WITH POSITION #1 INDICATOR  
IN SAME DIRECTION AS ARROW ON TUBE)

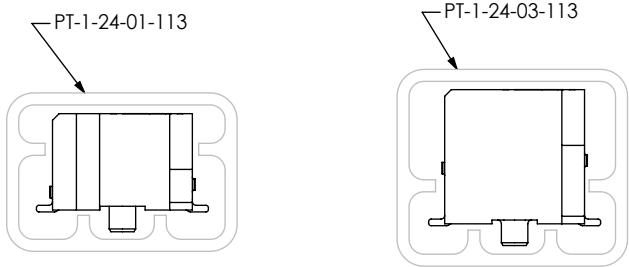


TABLE 3		
TAIL OPTION	TUBE	PLUG (2 PER TUBE)
-RA1	PT-1-24-01-113	TP-03
* -RA2	PT-1-24-03-113	TP-03

\* = NOT TOOLED

-TR OPTION

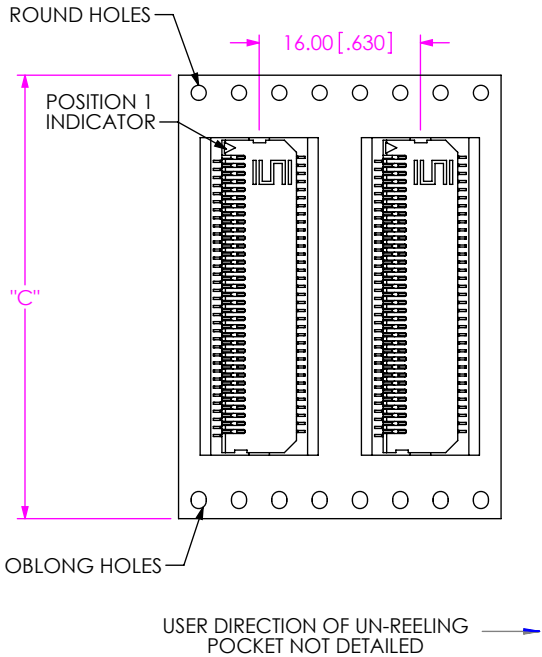


TABLE 4	
POSITION	"C"
-10	24.00 [.944]
-15	32.00 [1.260]
-20	32.00 [1.260]
-35	44.00 [1.732]

PROPRIETARY NOTE  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND  
PROPRIETARY INFORMATION AND ALL DESIGN,  
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS  
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,  
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE  
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR  
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY  
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS  
WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4



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.  
MECT-1XX-XX-XX-D-RAX-XX

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