DESIGNED & DIMENSIONED IN MILLIMETERS (INCHES FOR REFERENCE ONLY)

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

(No OF POS x 0.80[.031]) + 3.00[.118] REF

1.70[.067] REF

(No OF POS -1) x 0.80[.0315]

0.80±0.05 [.031±.002] (TOL NON-ACCUM)

70   36

7.40[.291] REF

POSITION #1 INDICATOR

01   35

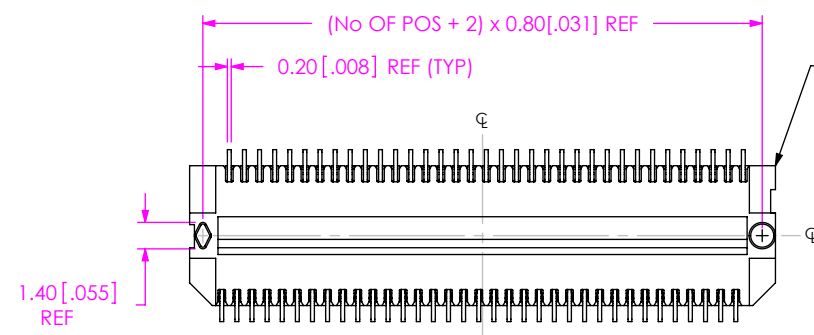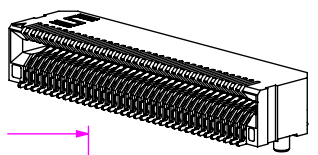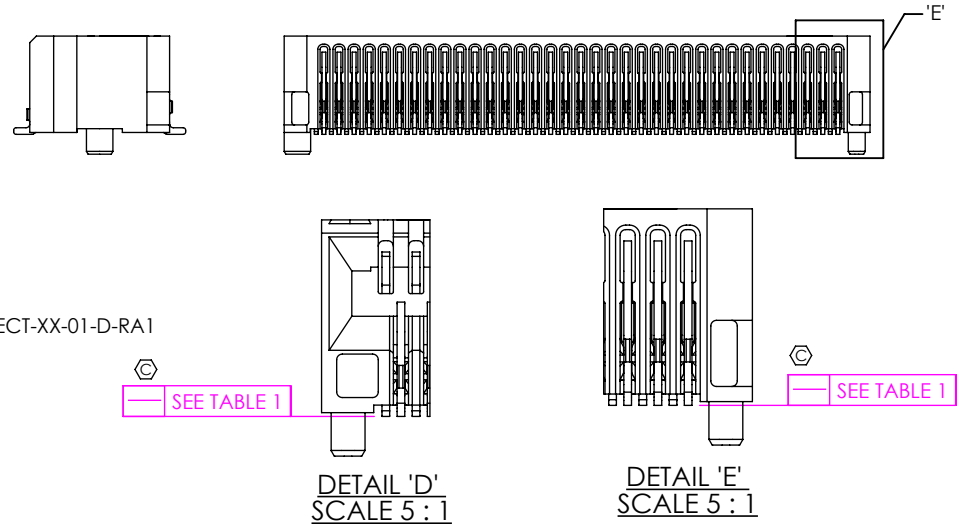0.80±0.05 [.031±.002] (TOL NON-ACCUM)

0.400 [.0157]

(No OF POS -1) x 0.80[.0315]

FIG 1

FOR POSITIONS -10, -20 & -35
(MECT-135-01-XX-D-RA1 SHOWN)

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]

(No OF POS x 0.80[.031]) + 1.40[.055] REF

1.20[.047] REF

'D'   "B"   "A"   'E'

"B"   "A"

0.90[.035] REF   Ø1.40[.055] REF

(No OF POS + 2) x 0.80[.031] REF

0.20[.008] REF (TYP)

MECT-XX-01-D-RA1

SEE TABLE 1   SEE TABLE 1

DETAIL 'D' SCALE 5 : 1   DETAIL 'E' SCALE 5 : 1

1.40[.055] REF

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

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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MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 2.5:1

INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE

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 1 OF 3

0.85±0.08 [.033±.003] (TYP)

6.25 [.246] REF

C-173-01-X

0.45±0.15 [.018±.006]

SEE TABLE 1

2.65 [.104] REF

3.25 [.128] REF

0.95 [.037] (TYP)

0.85±0.08 [.033±.003] (TYP)

9.10 [.358]

SECTION "A"-"A"

C-174-04-X

5.20 [.205] (TYP)

0.90 x 45° REF

1.05 [.041] REF (TYP)
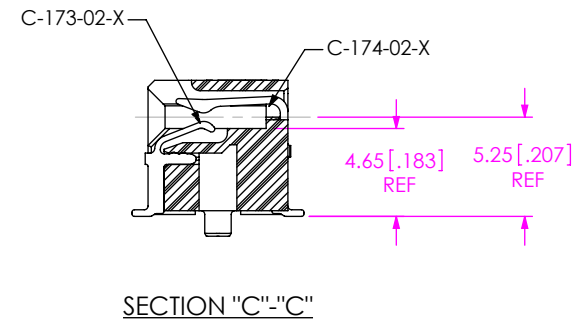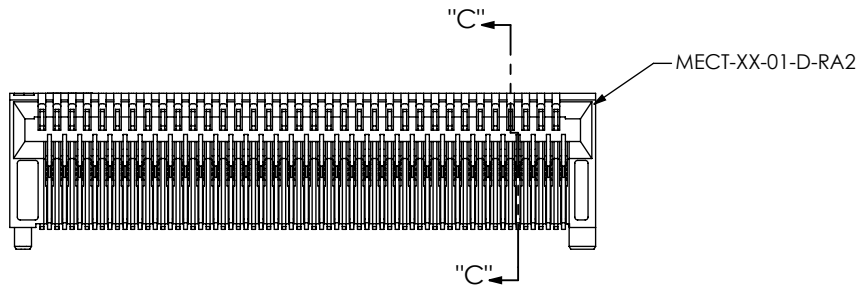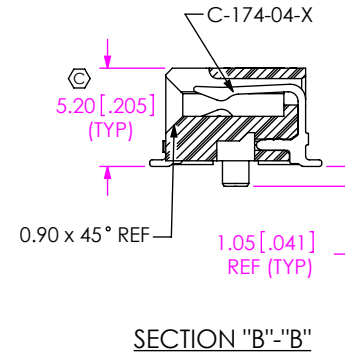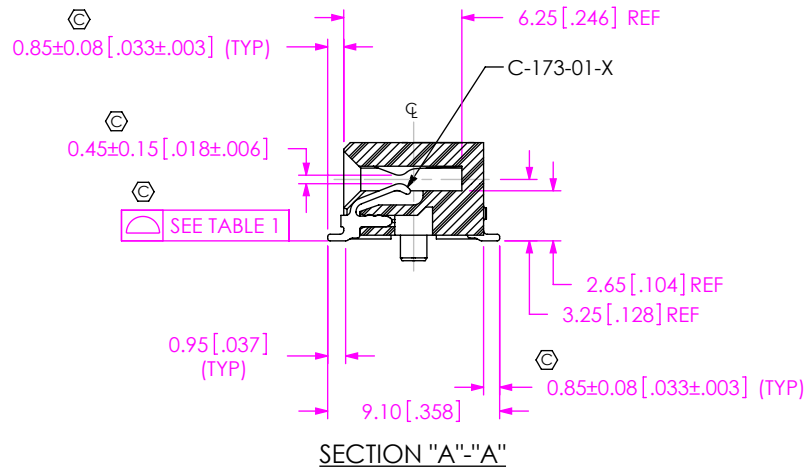
SECTION "B"-"B"

"C"

MECT-XX-01-D-RA2

"C"

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

C-173-02-X

C-174-02-X

4.65 [.183] REF

5.25 [.207] REF

SECTION "C"-"C"

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

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4

samtec

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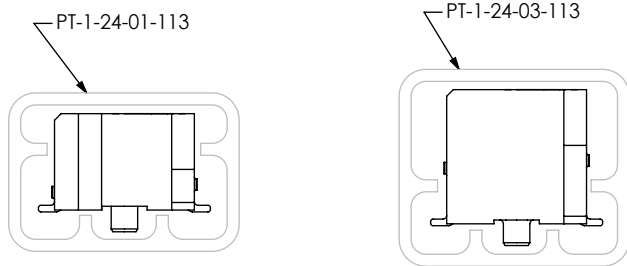(LOAD PARTS WITH POSITION #1 INDICATOR
IN SAME DIRECTION AS ARROW ON TUBE)

PT-1-24-01-113

PT-1-24-03-113

-TR OPTION

ROUND HOLES

16.00 [.630]

POSITION 1
INDICATOR

"C"

OBLONG HOLES

USER DIRECTION OF UN-REELING
POCKET NOT DETAILED

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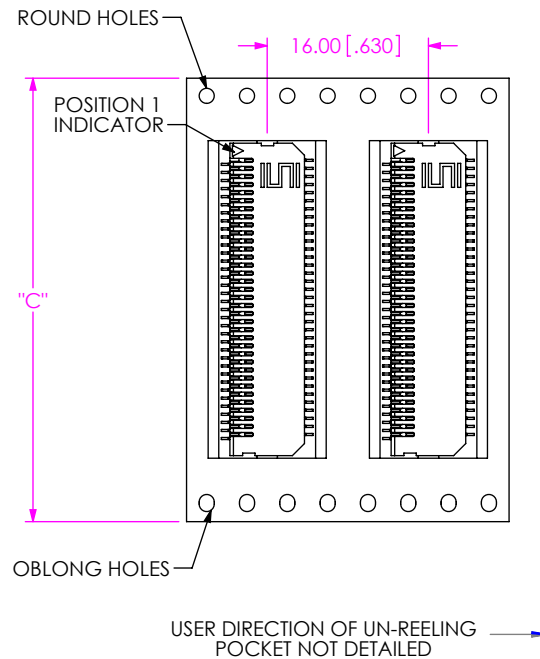
TABLE 4	
POSITION	"C"
-10	24.00[.944]
-15	32.00[1.260]
-20	32.00[1.260]
-35	44.00[1.732]

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.4

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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