

**REVISION D**

DO NOT SCALE FROM THIS PRINT

**NOTES:**

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PARTS TO BE PACKAGED IN TUBE.
3. SPECIAL GAGE AT-2019-049 TO BE USED FOR DIMENSIONS C1, C2, C4, C5 C6, C7 CHECK.

**DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]**

**PCI-E-XXX-02-X-D-RA**

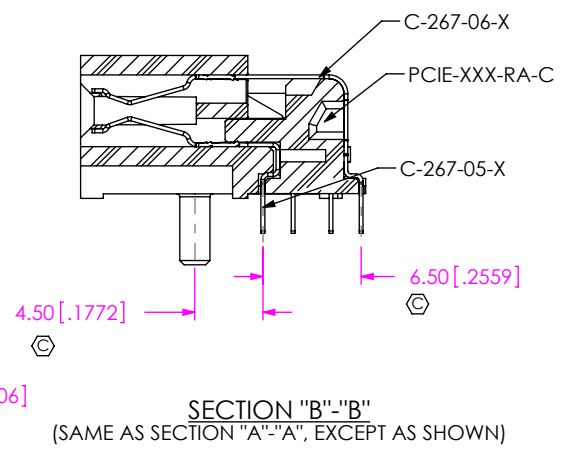
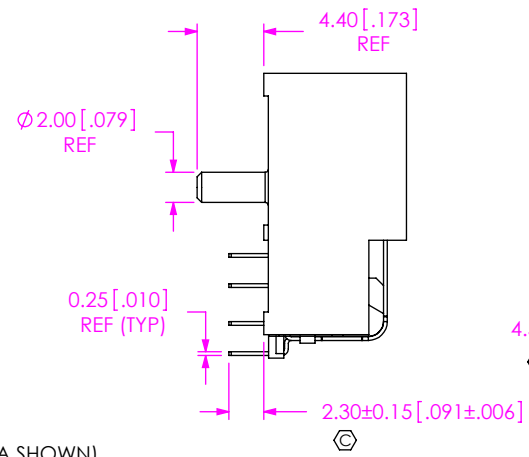
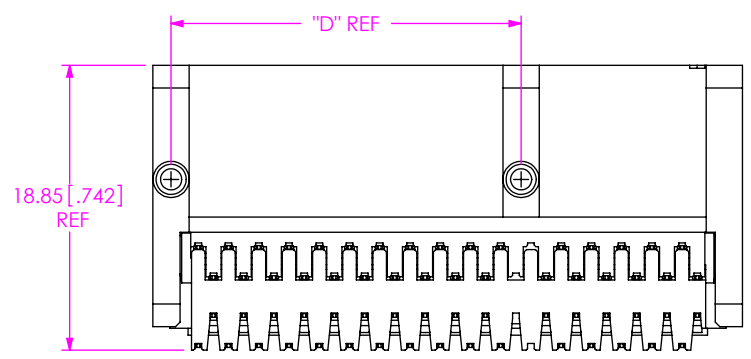
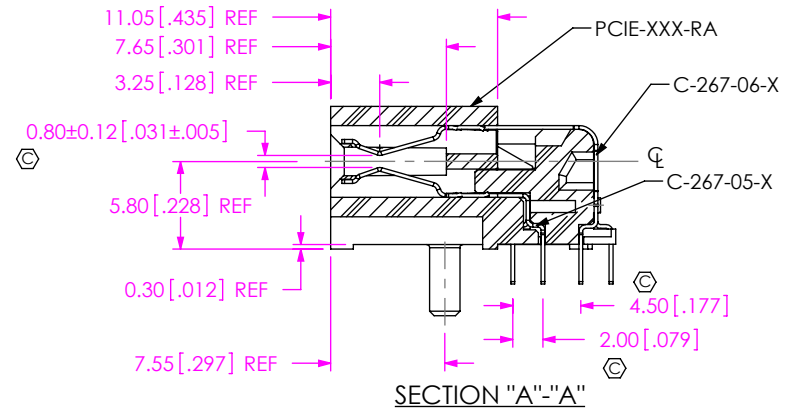
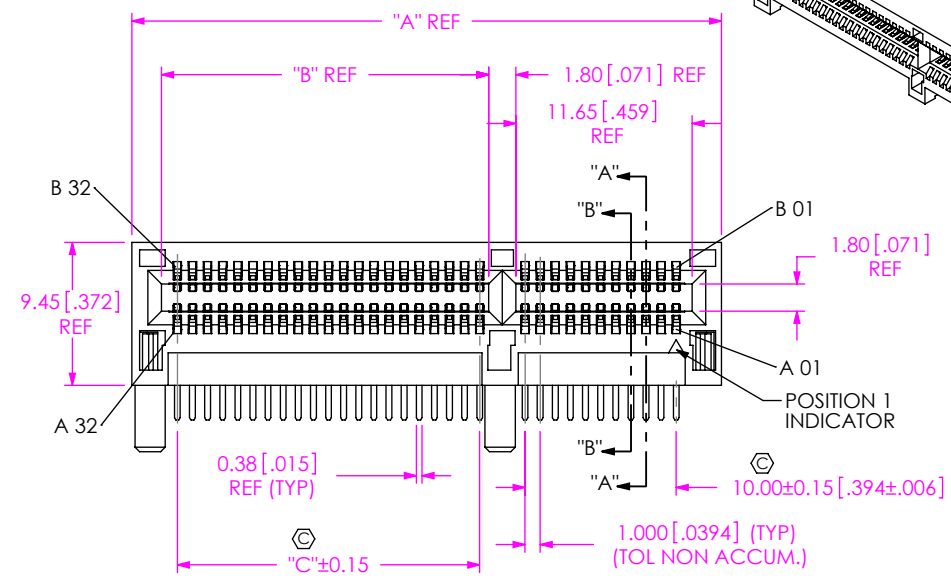
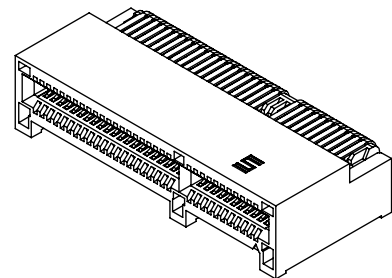
**No OF POSITIONS**  
-036, -064, -098, -164  
(DOUBLE ROW)

**LEAD STYLE**  
-02: 1.57[.062"] THICK CARD

**PLATING SPECIFICATION**  
(VALUES GIVEN ARE IN MICRO INCHES)  
-S: 30u" MIN Au/50u" Ni IN CONTACT, MATING TIN ON TAIL  
-F: 3u" MIN Au/50u" Ni IN CONTACT, MATING TIN ON TAIL

**OPTION**  
-RA: RIGHT ANGLE

**ROW SPECIFICATION**  
-D: DOUBLE ROW



**FIG. 1**  
(PCI-E-064-02-X-D-RA SHOWN)

**SECTION "B"-"B"**  
(SAME AS SECTION "A"-"A", EXCEPT AS SHOWN)

**TABLE 1**

No. OF POS	"A"	"B"	"C"	"D"
-036	25.00 [0.984]	7.65 [0.301]	6.00 [0.236]	9.150 [0.3602]
-064	39.00 [1.535]	21.65 [0.852]	20.00 [0.787]	23.150 [0.9114]
-098	56.00 [2.205]	38.65 [1.522]	37.00 [1.457]	40.150 [1.5807]
-164	89.00 [3.504]	71.65 [2.821]	70.00 [2.756]	73.150 [2.8799]

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS[INCHES]. TOLERANCES ARE:**  
DECIMALS ANGLES  
X.X: ±0.3 [0.1]  
X.XX: ±0.13 [0.05]  
X.XXX: ±0.051 [0.020]

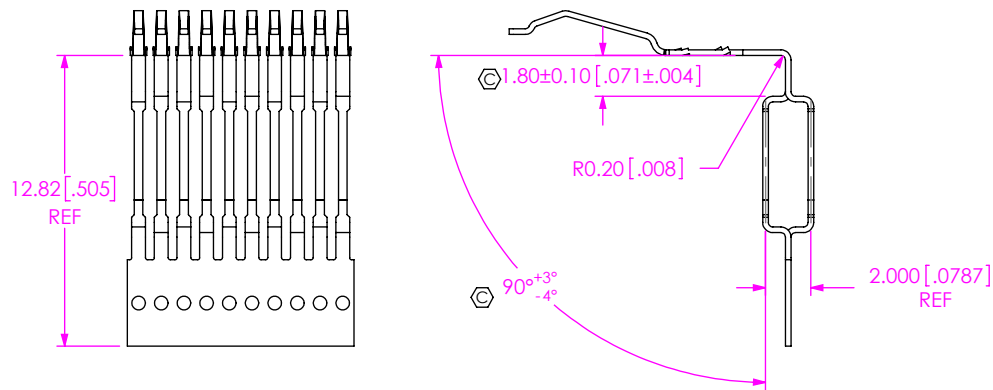
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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: LCP, COLOR: BLACK  
CONTACT: PHOS BRONZE

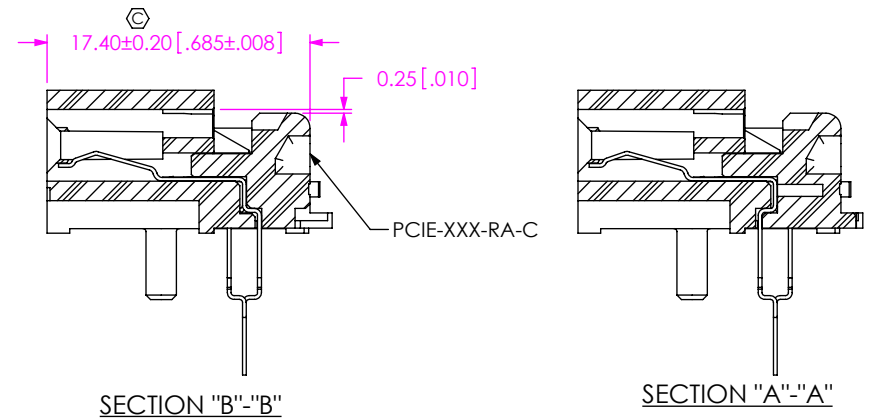


520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

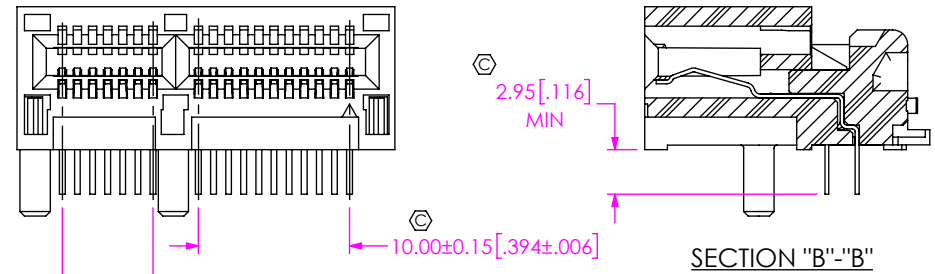
**DESCRIPTION:** PCI EXPRESS RIGHT ANGLE ASSEMBLY  
**DWG. NO.:** PCI-E-XXX-02-X-D-RA  
**BY:** ROY LUO 10/21/2009 **SHEET 1 OF 3**



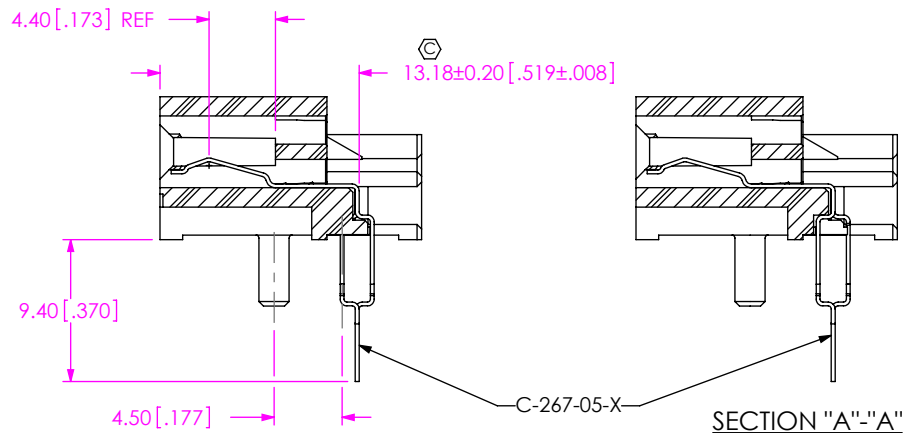
IN-PROCESS 1  
(FORM CONTACT C-267-05-X)



IN-PROCESS 3  
(FILL PCI-E-XXX-RA-C)



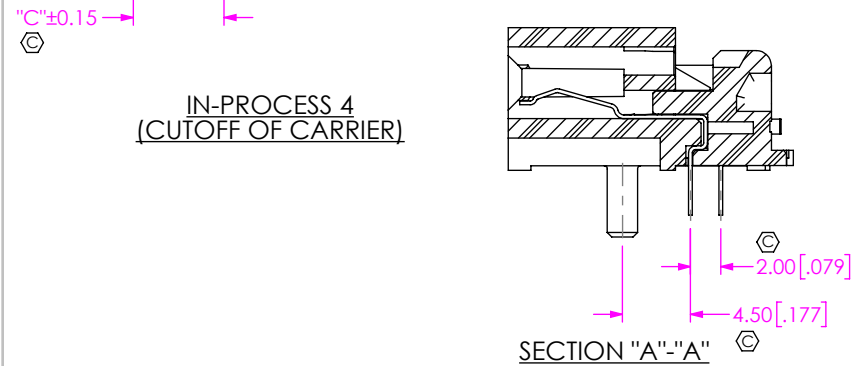
IN-PROCESS 4  
(CUTOFF OF CARRIER)



SECTION "B"-"B"

SECTION "A"-"A"

IN-PROCESS 2  
(FILL BOTTOM ROW)



SECTION "A"-"A"

F:\DWG\SW\Exisprod\Assembly\Io\PCI-E-XXX-02-X-D-RA-ASM.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

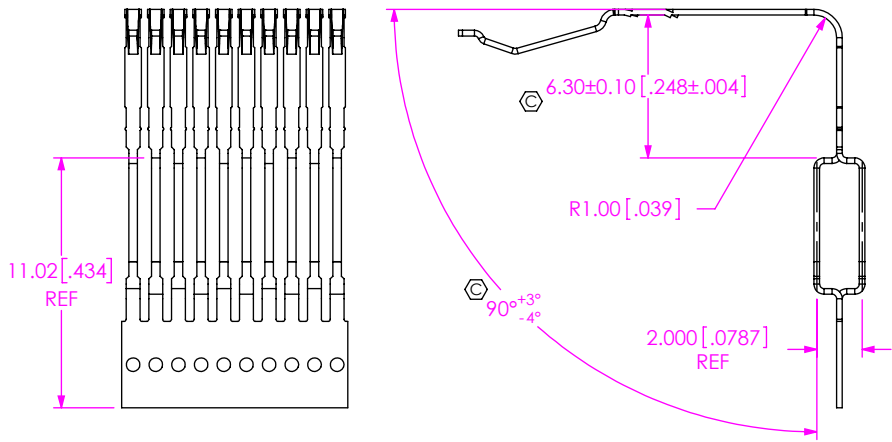
**samtec**

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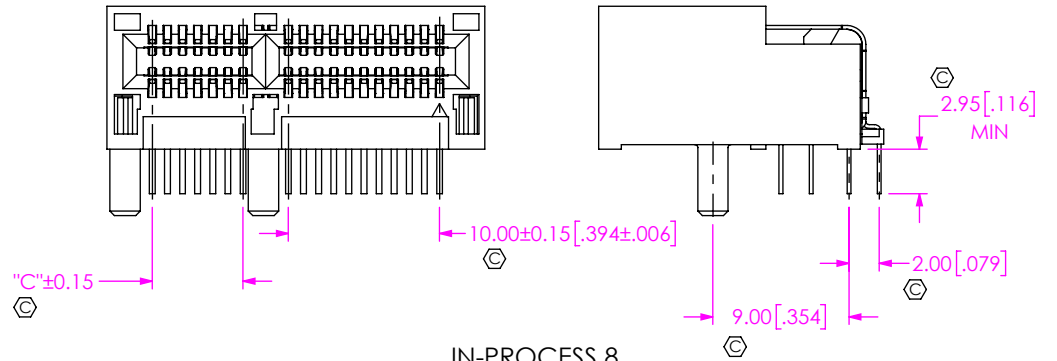
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PCI EXPRESS RIGHT ANGLE ASSEMBLY

DWG. NO.  
PCI-E-XXX-02-X-D-RA

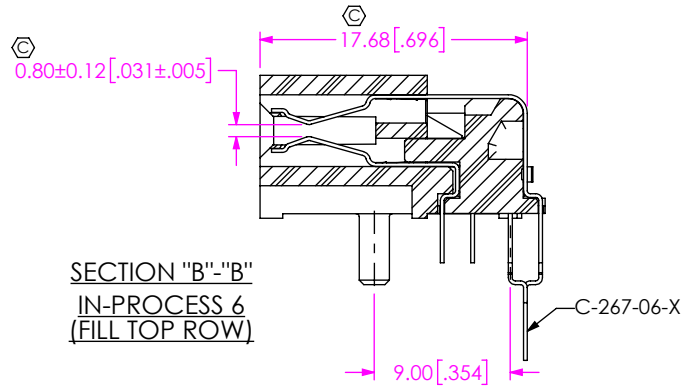
BY: ROY LUO 10/21/2009 SHEET 2 OF 3



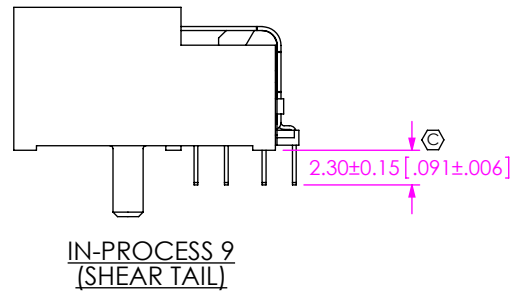
IN-PROCESS 5  
(FORM CONTACT C-267-06-X)



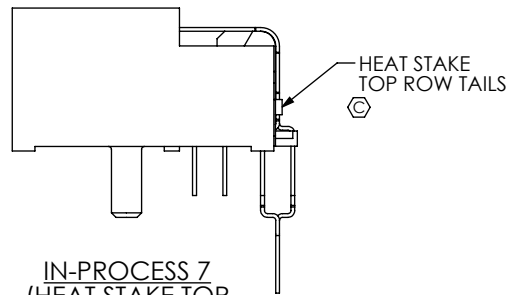
IN-PROCESS 8  
(CUT OFF TOP  
CONTACT CARRIER)



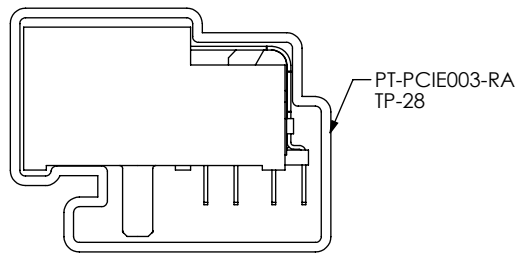
SECTION "B"-"B"  
IN-PROCESS 6  
(FILL TOP ROW)



IN-PROCESS 9  
(SHEAR TAIL)



IN-PROCESS 7  
(HEAT STAKE TOP  
ROW CONTACTS)



PACKAGING VIEW

F:\DWG\SW\Exisprod\Assembly\lo\PCIE-XXX-02-X-D-RA-ASM.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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DESCRIPTION:  
PCI EXPRESS RIGHT ANGLE ASSEMBLY

DWG. NO. **PCIE-XXX-02-X-D-RA**

BY: ROY LUO 10/21/2009 SHEET 3 OF 3