

DO NOT
SCALE FROM
THIS PRINT

1. REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM CONTACT RETENTION: 4.9N.
3. PARTS TO BE PACKAGE IN TUBE.

Technical drawing of a connector assembly, showing two views: a top view (upper) and a side view (lower).

Top View Dimensions and Callouts:

- Overall width: "A" REF
- Overall height: "B" REF
- Left side callout: POSITION 1 INDICATOR
- Top left callout: A01
- Top center callout: 1.80[.071] REF
- Top right callout: 11.65[.459] REF
- Right side callout: 1.80[.071] REF
- Bottom left callout: B01
- Bottom center callout: "A"
- Bottom right callout: A18
- Bottom right callout: B18
- Bottom right callout: "C"±0.20[.006]
- Bottom center callout: 10.00±0.20 [.394±.008]
- Bottom left callout: 1.00[.0394] (TYP) (TOL NON ACCUM)
- Bottom left callout: 7.30[.287] REF
- Bottom left callout: 16.04[.631]
- Bottom left callout: 0.350[.0138] REF (TYP)
- Bottom left callout: 10.00±0.15 [.394±.006]
- Bottom left callout: 1.00[.0394] (TYP) (TOL NON ACCUM)
- Bottom left callout: "D"±0.15[.006]

Side View Dimensions and Callouts:

- Overall width: "A" REF
- Overall height: "B" REF
- Left side callout: POSITION 1 INDICATOR
- Top left callout: A01
- Top center callout: 1.80[.071] REF
- Top right callout: 11.65[.459] REF
- Right side callout: 1.80[.071] REF
- Bottom left callout: B01
- Bottom center callout: "A"
- Bottom right callout: A18
- Bottom right callout: B18
- Bottom right callout: "C"±0.20[.006]
- Bottom center callout: 10.00±0.20 [.394±.008]
- Bottom left callout: 1.00[.0394] (TYP) (TOL NON ACCUM)
- Bottom left callout: 7.30[.287] REF
- Bottom left callout: 16.04[.631]
- Bottom left callout: 0.350[.0138] REF (TYP)
- Bottom left callout: 10.00±0.15 [.394±.006]
- Bottom left callout: 1.00[.0394] (TYP) (TOL NON ACCUM)
- Bottom left callout: "D"±0.15[.006]

Other Callouts:

- SEE TABLE 3

Technical drawing of the bottom view of a part. The drawing shows a rectangular base with two curved, downward-pointing features on the left side. Dimensions are indicated with arrows and text:

- 11.05 [.435] REF (Vertical dimension from the top surface to the bottom surface)
- 2.50 [.098] REF (Horizontal dimension from the left edge to the center of the curved features)
- 4.50 [.177] REF (Horizontal dimension from the left edge to the right edge)

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

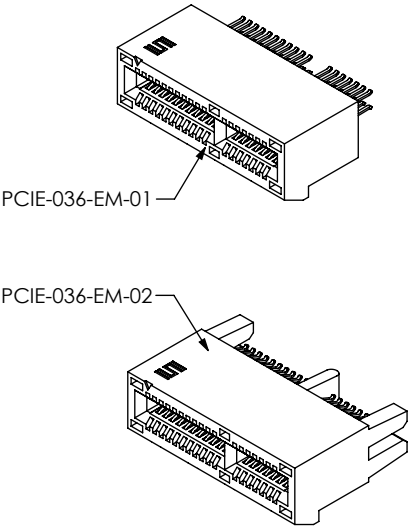
LEAD STYLE
-02:1.57[.062"] THICK CARD

PLATING SPECIFICATION
-S: 30u" Au IN THE CONTACT AREA,
TIN ON THE TAIL
-F: 3u" Au IN THE CONTACT AREA,
TIN ON THE TAIL

OPTION
-BG: BOARD GUIDE

OPTION
-EMS2: 1.57[.062"] PCB
-EMS3: 2.36[.093"] PCB

ROW SPECIFICATION
-D: DOUBLE ROW



OPTION	LEAD STYLE	"E"	"F"
NONE	-EMS2	1.50 [0.059]	N/A
	-EMS3	2.25 [0.089]	N/A
-BG	-EMS2	1.50 [0.059]	1.65 [0.065]
	-EMS3	2.25 [0.089]	2.42 [0.095]

OPTION	EDGE MOUNT OPTION	BODY	CONTACT PIN
NONE	-EMS2	PCIE-XX-EM-01	C-267-02-X
	-EMS3		C-267-04-X
-BG	-EMS2	PCIE-XX-EM-02	C-267-01-X
	-EMS3	PCIE-XX-EM-03	C-267-03-X

No. OF POS	"A"	"B"	"C"	"D"
-036	25.00 [0.984]	7.65 [0.301]	6.00 [0.236]	6.00 [0.236]
-064	39.00 [1.535]	21.65 [0.852]	20.00 [0.787]	20.00 [0.787]
-98	56.00 [2.205]	38.65 [1.522]	37.00 [1.457]	37.00 [1.457]
-164	89.00 [3.504]	71.65 [2.821]	70.00 [2.756]	70.00 [2.756]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS[INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ± 0.3 [.01] 2°
X.XX: ± 0.13 [.005]
X.XXX: ± 0.051 [.0020]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP UL 94 VO, COLOR: BLACK
CONTACT : PHOS BRONZE

DESCRIPTION:
PCI EXPRESS EDGE MOUNT ASSEMBLY

DWG. NO.
PCIE-XXX-02-X-D-EMSX-XX

BY: VICKY Z 09/01/2009 SHEET 1 OF 2

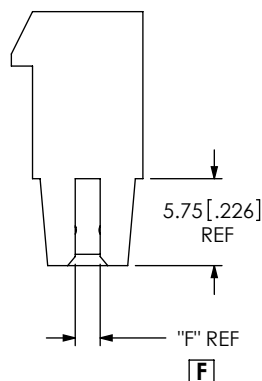
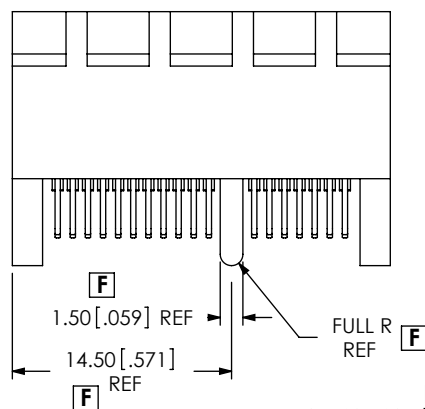
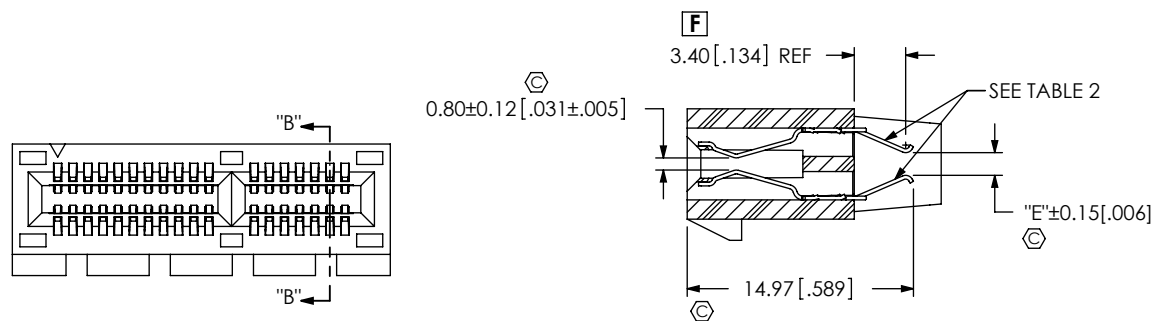
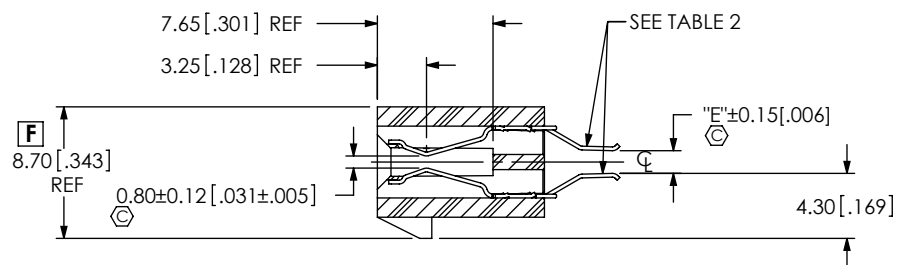
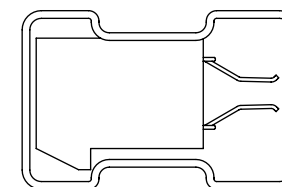
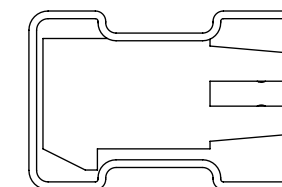


FIG 2
PCI-E-036-02-X-D-EMS2-BG SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



PT-PCIE002-EM
TP-07

WITHOUT -BG PACKAGE VIEW



PT-PCIE002-EM
TP-07

-BG PACKAGE VIEW

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
PCI EXPRESS EDGE MOUNT ASSEMBLY

DWG. NO.
PCI-E-XXX-02-X-D-EMSXX-XX

BY: VICKY Z 09/01/2009 SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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