REVISION D

BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

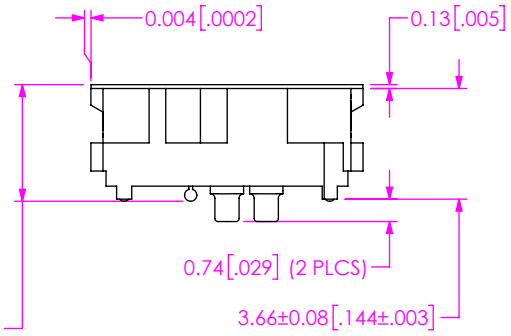
DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE No: _____
EXCEPTIONS: _____

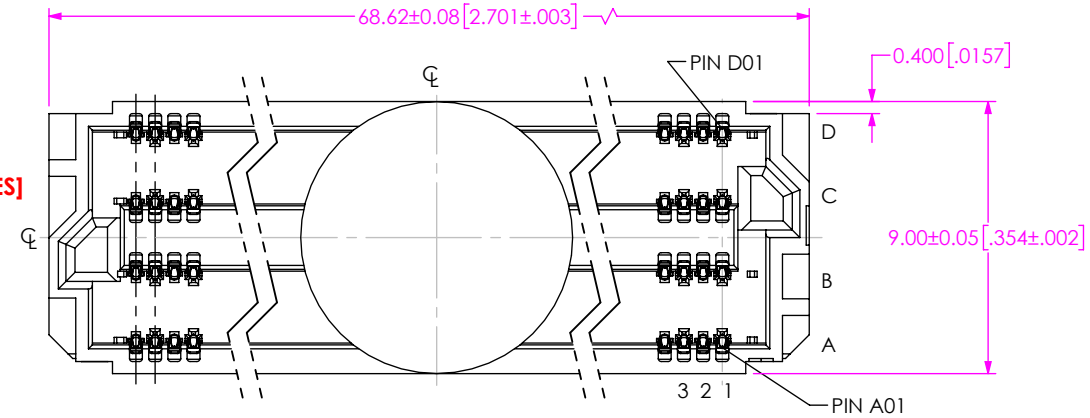
NOTES:
1. MINIMUM PUSHOUT FORCE: 1.6N
2. PARTS TO BE PACKAGED IN TAPE & REEL.
3. SEE SHT 2 FOR PROCESSING INFORMATION.
4. ATTACH LABEL -4X2 TO EACH REEL.
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

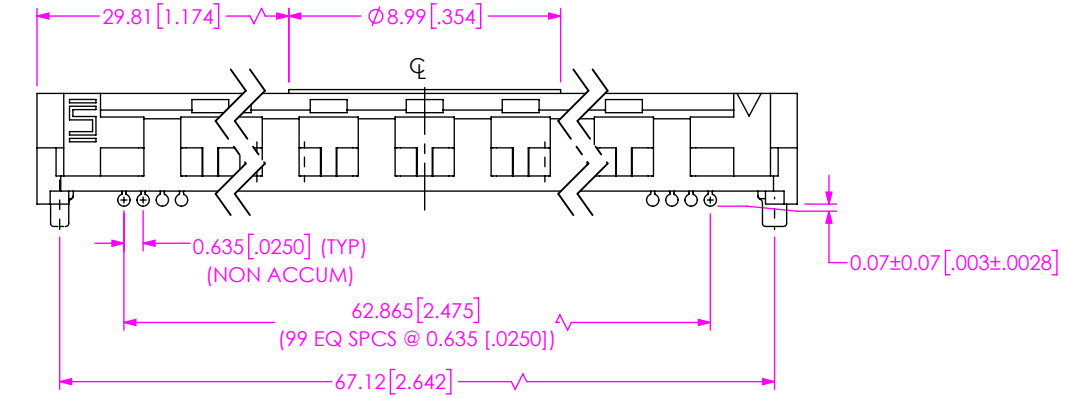
DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

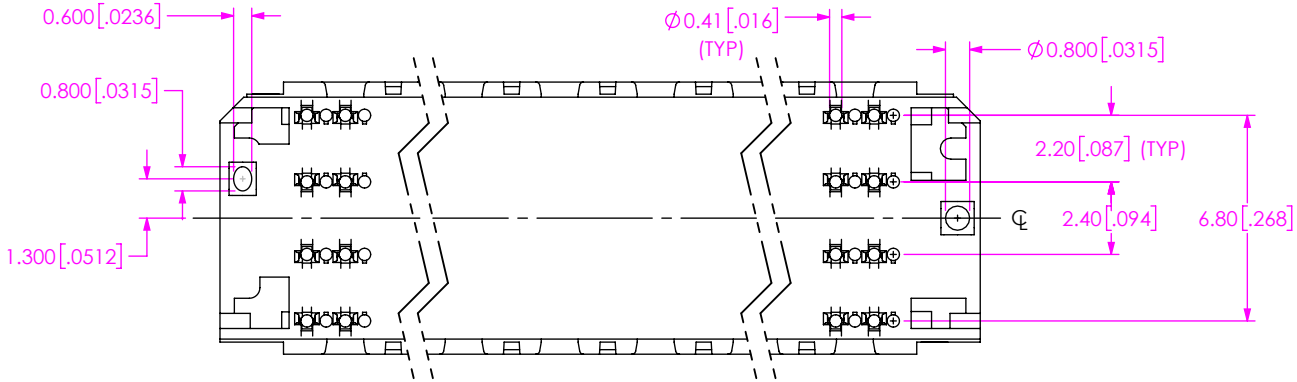
DO NOT SCALE FROM THIS PRINT

SOME CENTER FEATURES NOT SHOWN FOR CLARITY









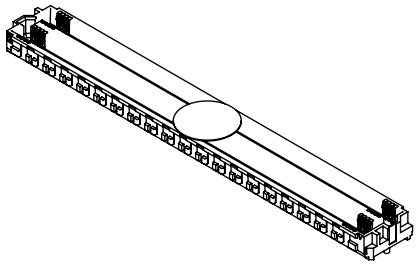


FIG 1
(ASP-209946-01 SHOWN)

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DO NOT SCALE DRAWING SHEET SCALE: 4:1

MATERIAL:
INSULATOR: LCP, COLOR: NATURAL
CONTACT: COPPER ALLOY
PLATING:
CONTACT AREA: .000010" GOLD OVER .000050" NICKEL
REMAINDER: .000200" REF TIN OVER .000050" NICKEL

F:\DWG\MISC\MKTG\ASP-209946-01-MKT.SLDDRW

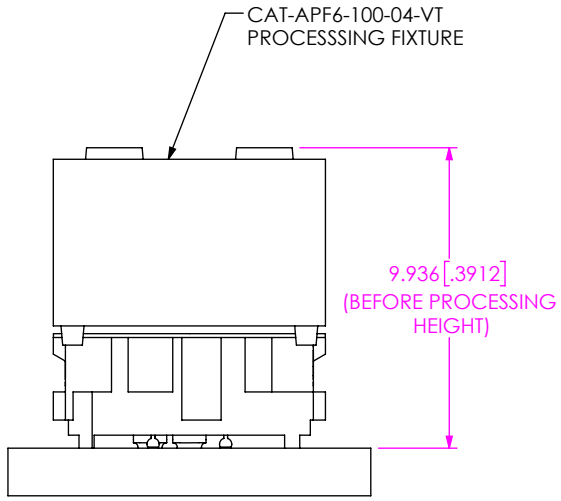
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO.
ASP-209946-01

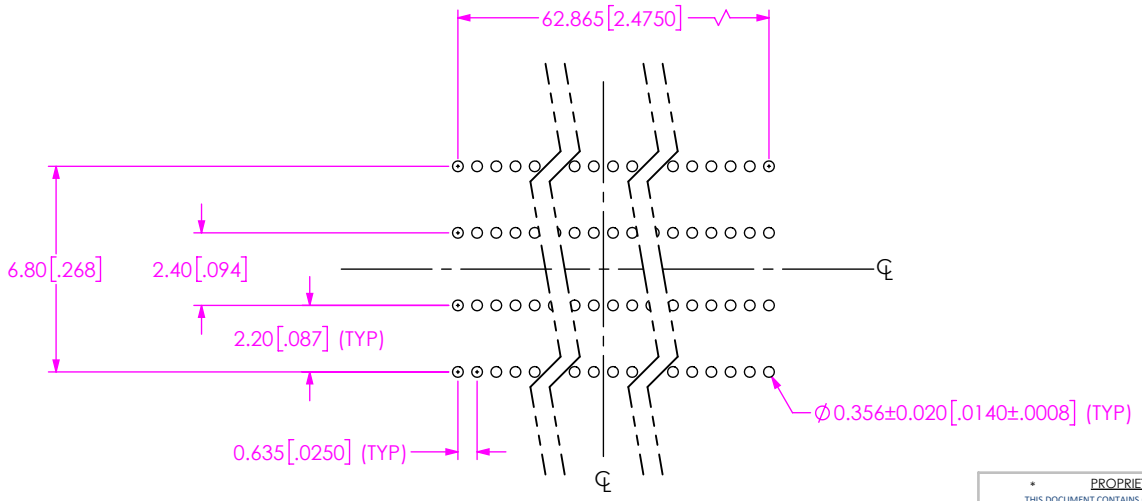
BY: J. BROWNING 01/16/2019 SHEET 1 OF 9

REVISION D



PROCESSING VIEW

DIMENSION INDICATES CONNECTOR/FIXTURE HEIGHT ON PCB
TO GUARANTEE ENOUGH REFLOW OVEN WORKING SPACE.
DIMENSION, PCB THICKNESS, AND THE HEIGHT OF THE COMPONENTS
ON THE OTHER SIDE OF THE BOARD NEED TO BE CONSIDERED.



RECOMMENDED STENCIL LAYOUT

ALL DIMENSIONS SYMMETRIC ABOUT CENTERLINE
(STENCIL TO BE 0.125[.0050] THICK)

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SHEET SCALE: 2:1

DESCRIPTION:
CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO.
ASP-209946-01

BY: J. BROWNING 01/16/2019 SHEET 2 OF 9

REVISION D

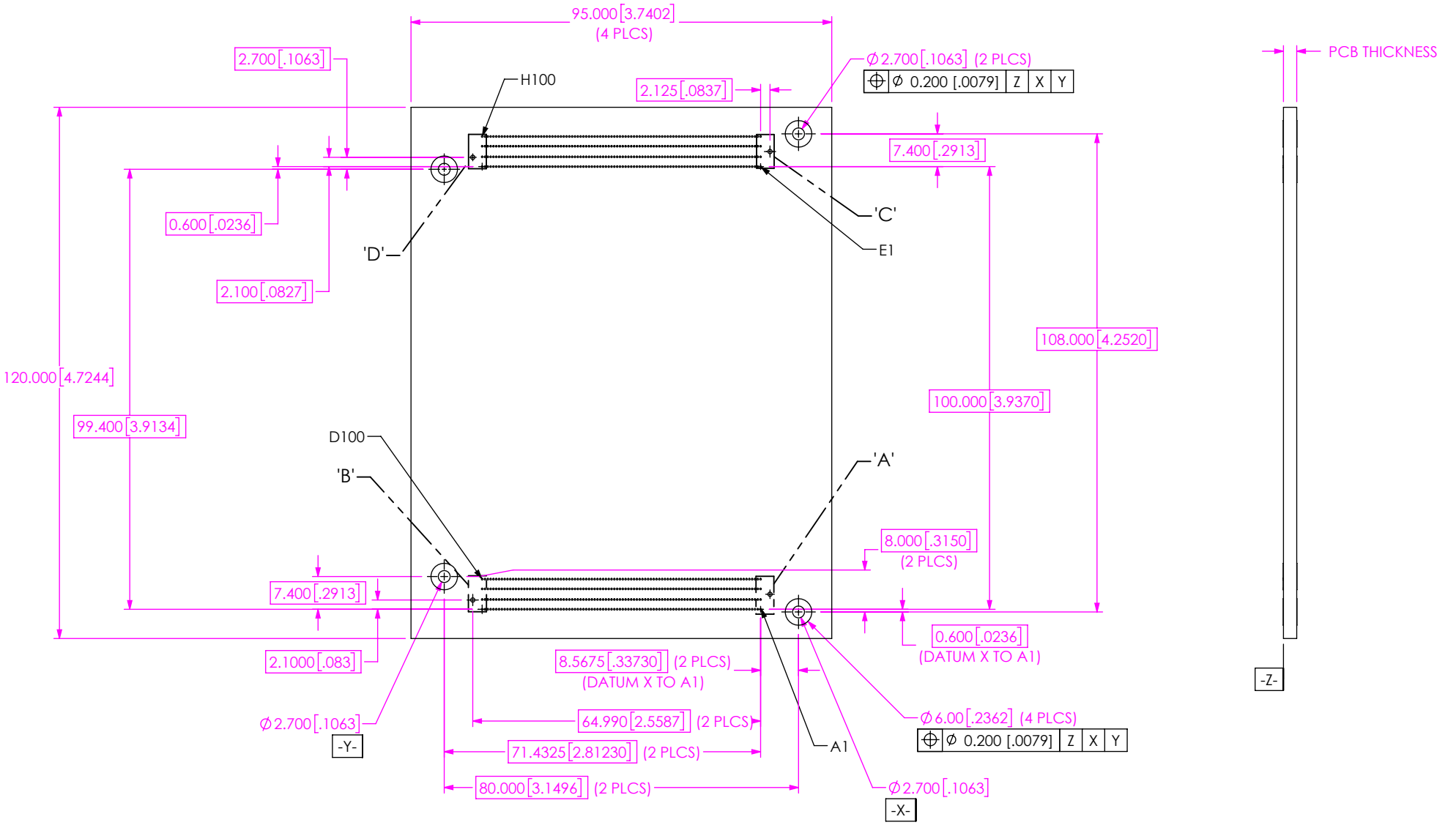


FIG 2

COM-HPC® MODULE SIZE A

((RECOMMENDED PCB LAYOUT FOR COM-HPC®))

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

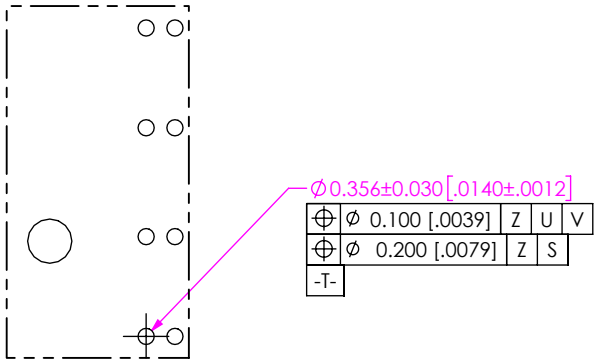
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DWG. NO. ASP-209946-01

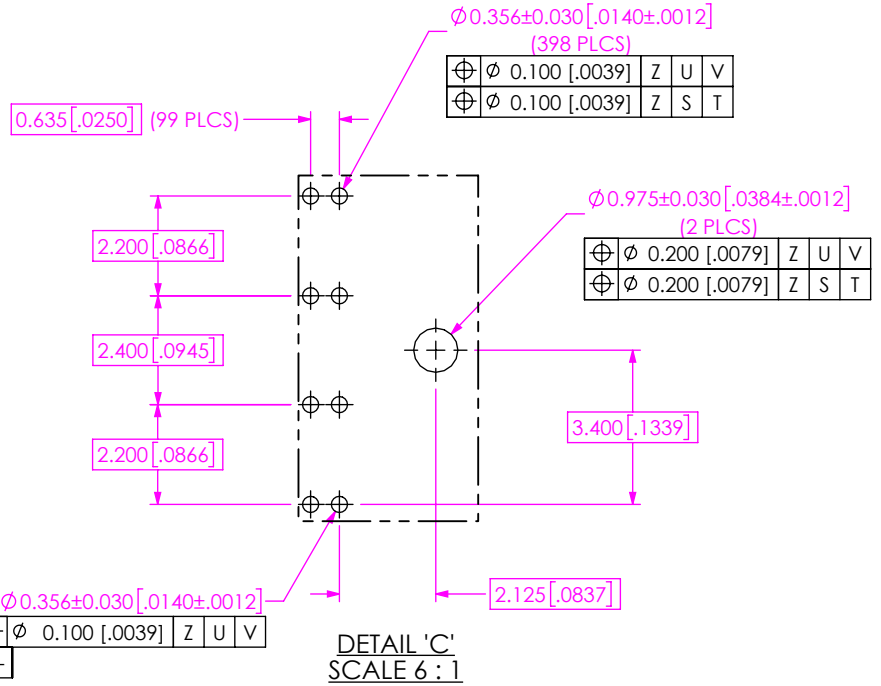
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BY: J. BROWNING 01/16/2019 SHEET 3 OF 9

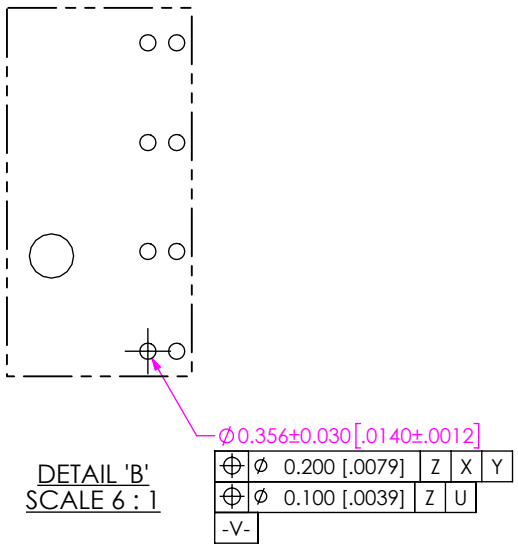
REVISION D



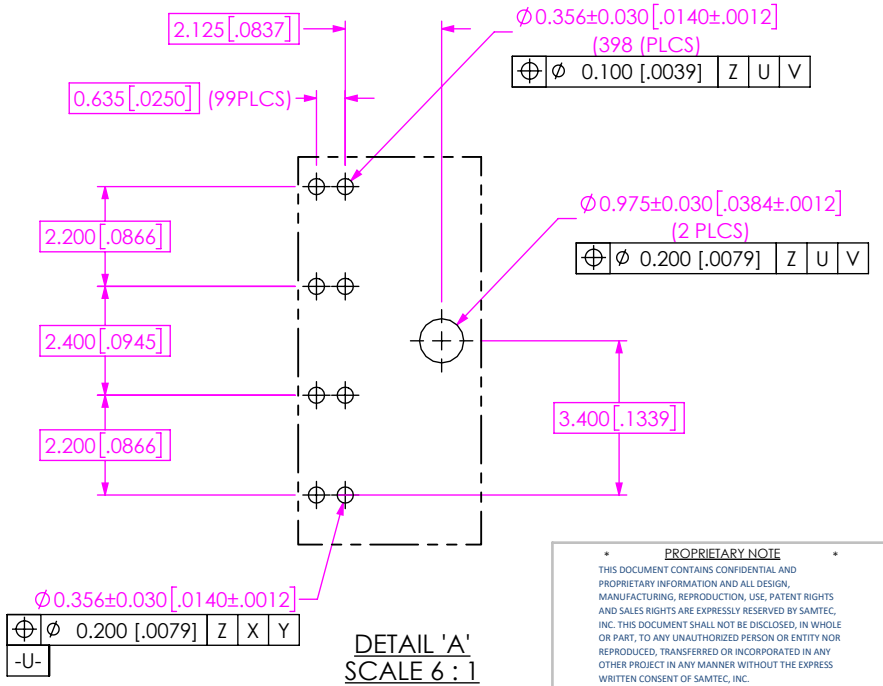
DETAIL 'D'
SCALE 6 : 1



DETAIL 'C'
SCALE 6 : 1



DETAIL 'B'
SCALE 6 : 1



DETAIL 'A'
SCALE 6 : 1

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION:
CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO.
ASP-209946-01

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BY: J. BROWNING 01/16/2019 SHEET 4 OF 9

REVISION D

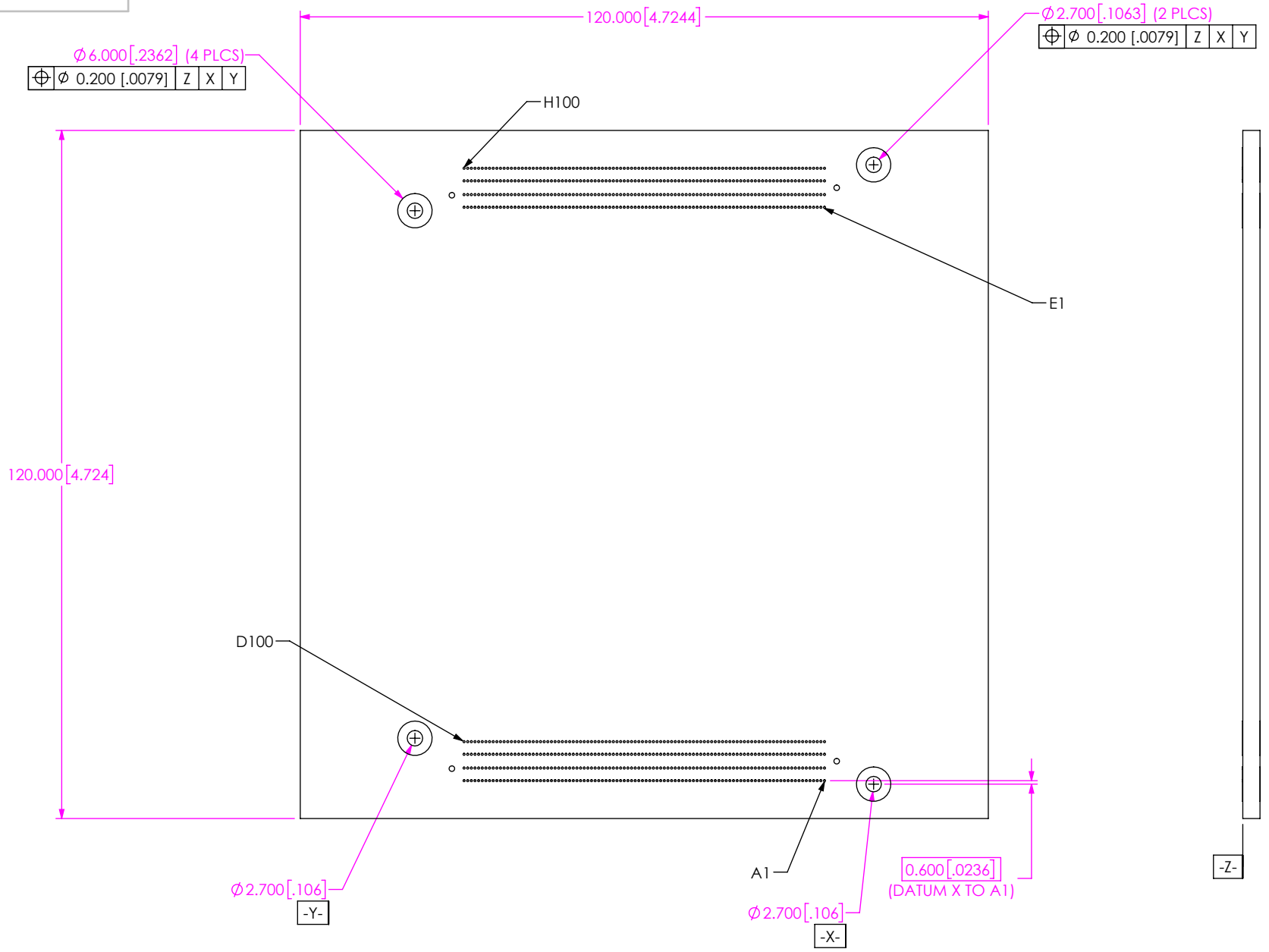


FIG 3

COM-HPC® MODULE SIZE B

(SAME AS FIG 2, EXCEPT AS SHOWN)

(RECOMMENDED PCB LAYOUT FOR COM-HPC)

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION: CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO. ASP-209946-01

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BY: J. BROWNING 01/16/2019 SHEET 5 OF 9

REVISION D

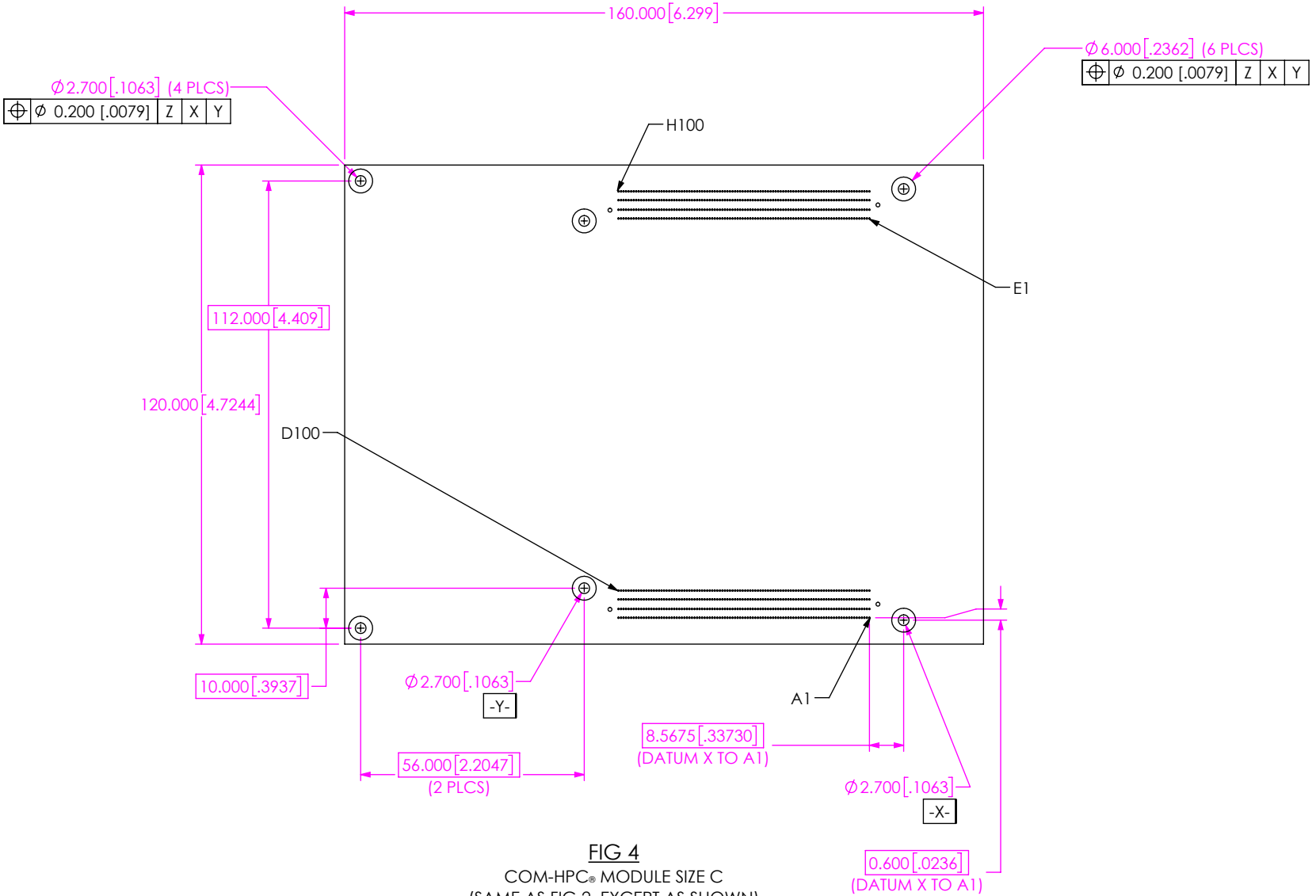


FIG 4

COM-HPC® MODULE SIZE C
(SAME AS FIG 2, EXCEPT AS SHOWN)
(RECOMMENDED PCB LAYOUT FOR COM-HPC®)

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION: CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO. ASP-209946-01

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BY: J. BROWNING 01/16/2019 SHEET 6 OF 9

REVISION D

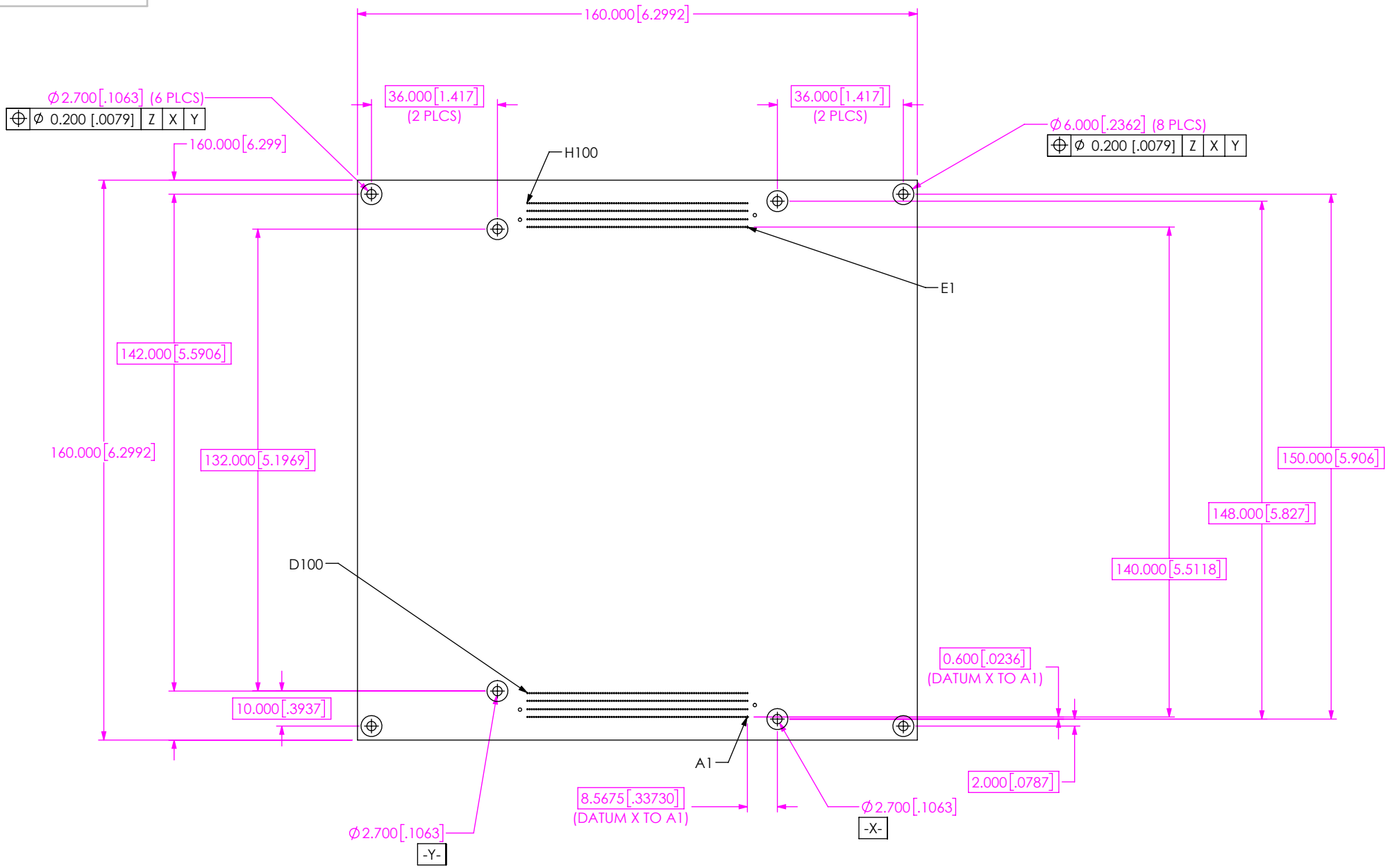


FIG 5

COM-HPC® MODULE SIZE D
(SAME AS FIG 2, EXCEPT AS SHOWN)
(RECOMMENDED PCB LAYOUT FOR COM-HPC®)

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION:
CUSTOM COM HPC FEMALE ASSEMBLY

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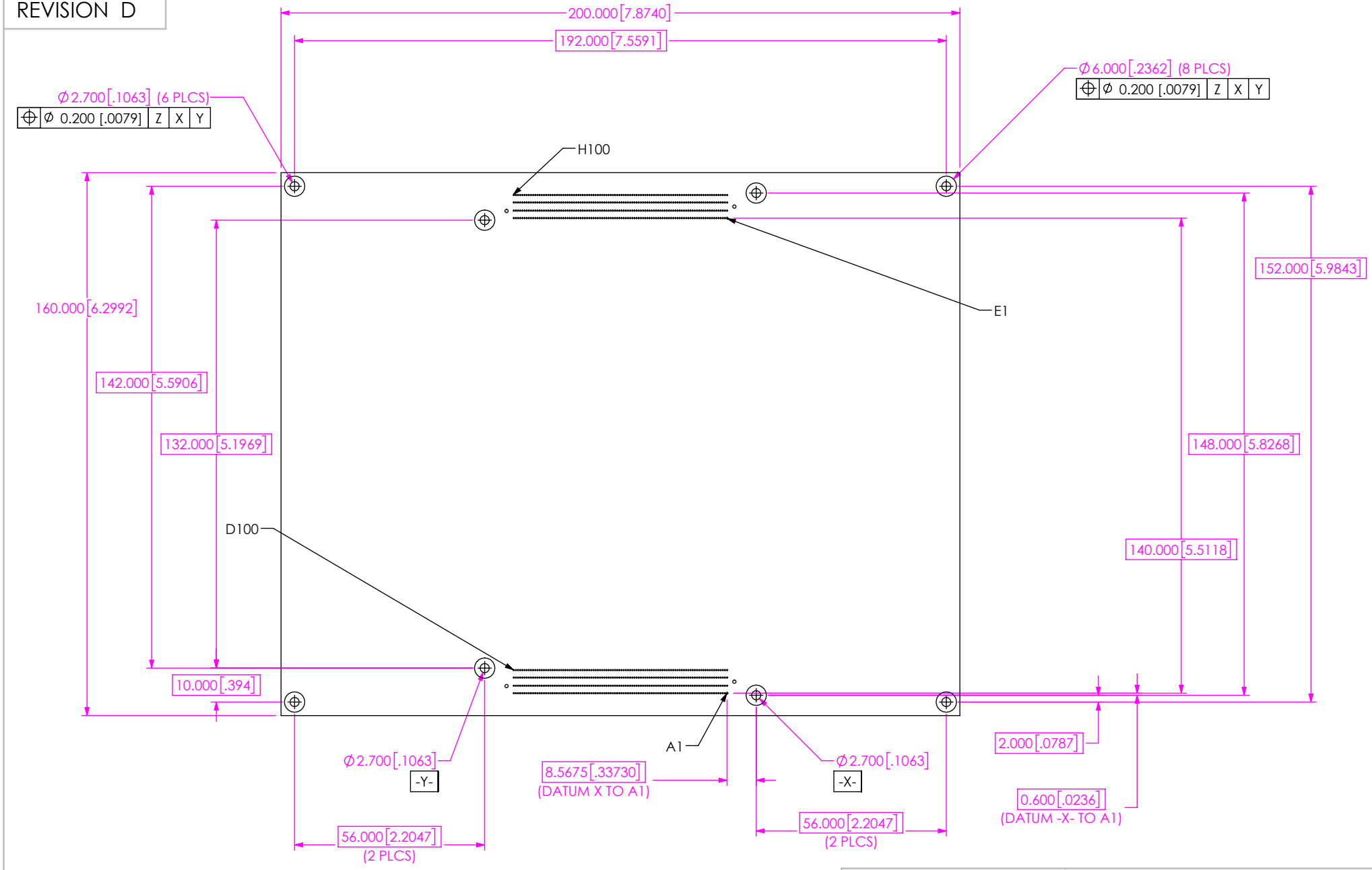


FIG 6

COM-HPC® MODULE SIZE E

(SAME AS FIG 2, EXCEPT AS SHOWN)

(RECOMMENDED PCB LAYOUT FOR COM-HPC®)

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION: CUSTOM COM HPC FEMALE ASSEMBLY

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BY: J. BROWNING 01/16/2019

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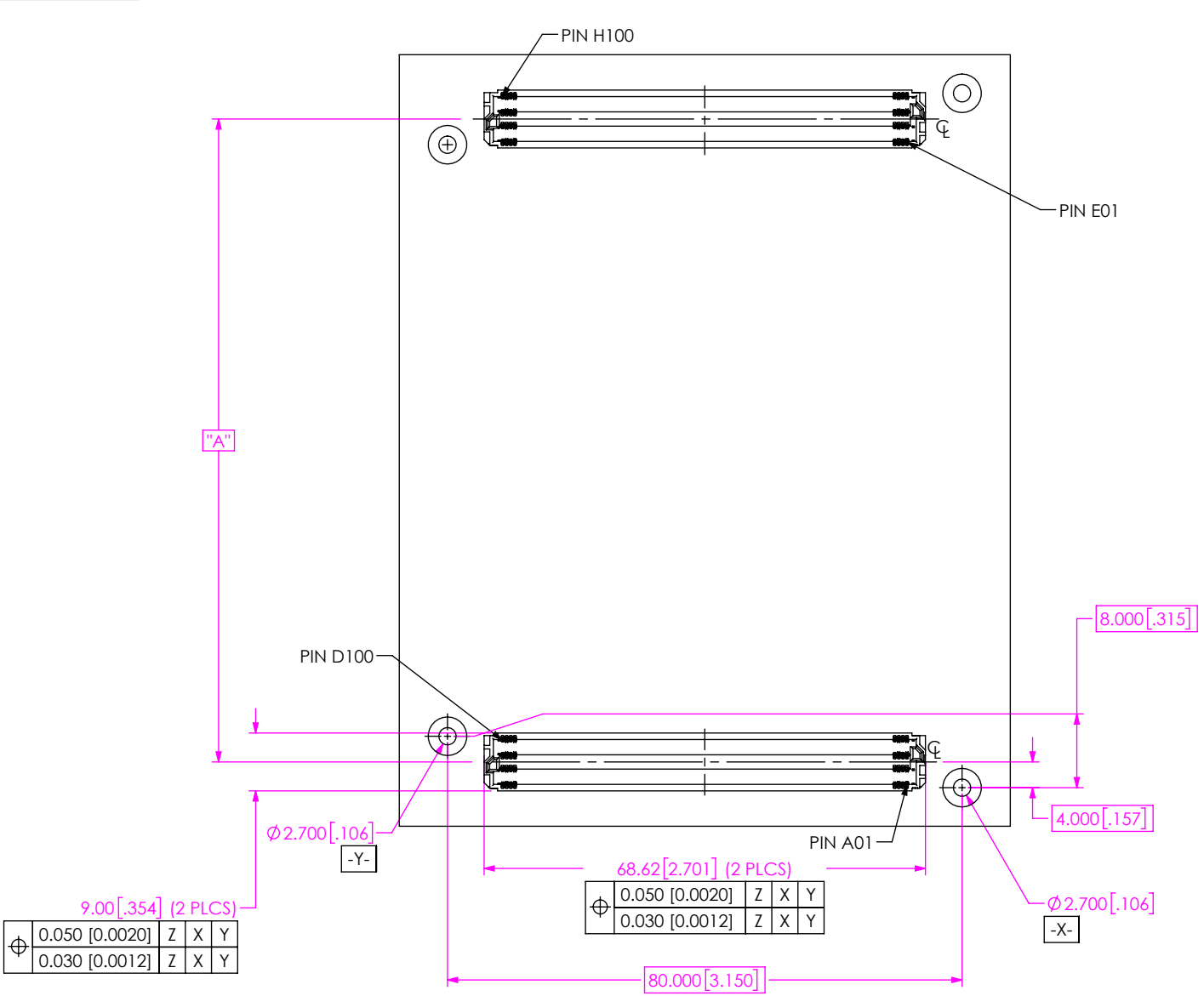


FIG 7

COM-HPC® ASSEMBLY APPLICATION (SIZE A)
(RECOMMENDED ASP-209946-01 LAYOUT FOR COM-HPC®)

TABLE 1	
COM-HPC® MODULE	"A"
SIZE A	100.000 [3.937]
SIZE B	100.000 [3.937]
SIZE C	100.000 [3.937]
SIZE D	140.000 [5.512]
SIZE E	140.000 [5.512]

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION:
CUSTOM COM HPC FEMALE ASSEMBLY

DWG. NO.
ASP-209946-01

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BY: J. BROWNING 01/16/2019 SHEET 9 OF 9