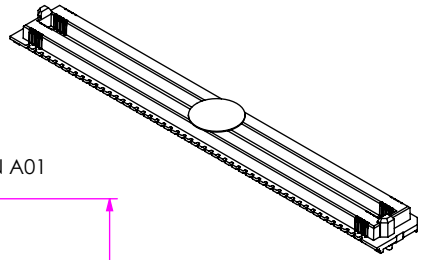
REVISION E

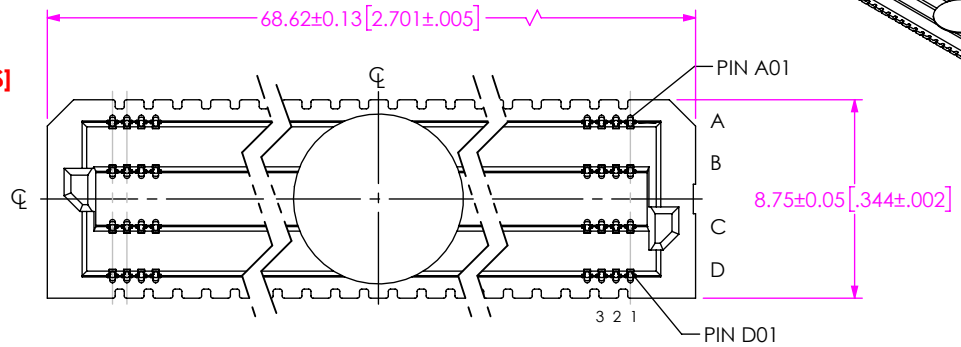
DO NOT SCALE FROM THIS PRINT

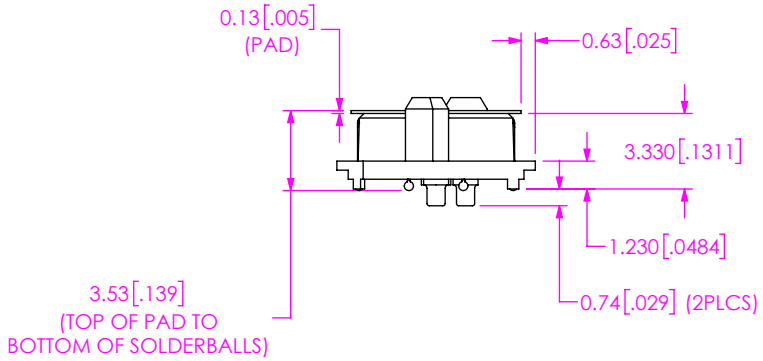
NOTES:
1. MINIMUM PUSHOUT FORCE: 1.2N
2. PARTS TO BE PACKAGED IN TAPE & REEL.
3. SEE SHT 2 FOR PROCESSING INFORMATION
4. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS [SPES] FOUND ON WWW.SAMTEC.COM.
5. ATTACH LABEL-4X2 TO EACH REEL.

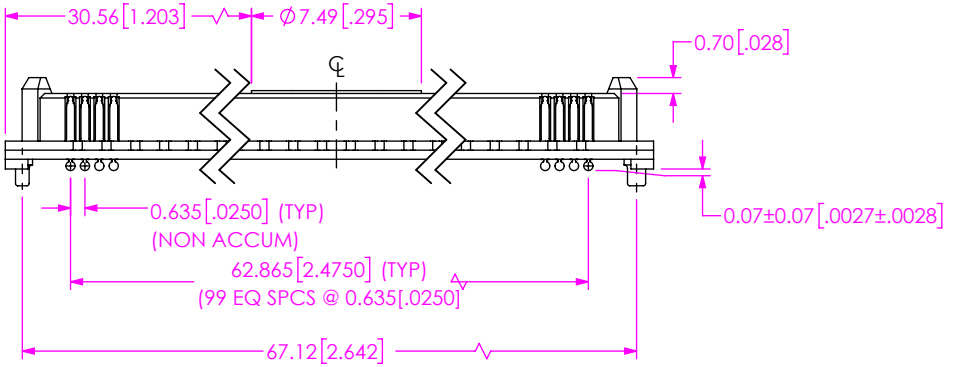
DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

SOME CENTER FEATURES
NOT SHOWN FOR CLARITY









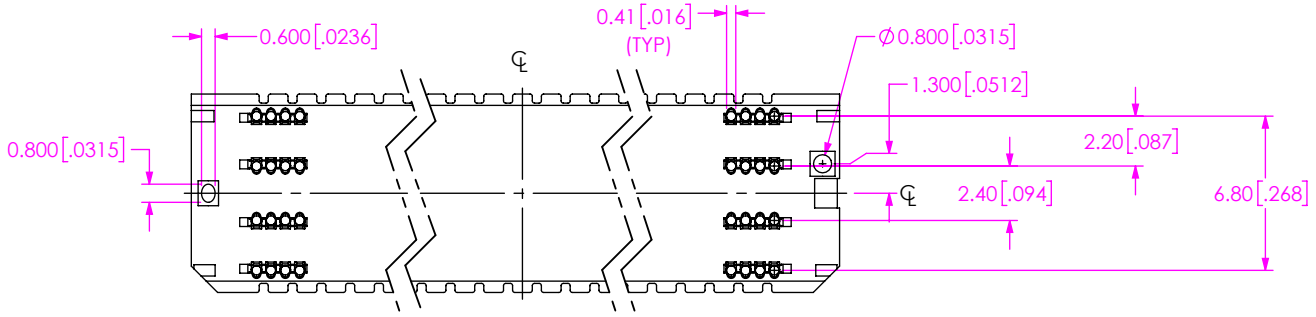


FIG 1
(ASP-214802-01 SHOWN)

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DO NOT SCALE DRAWING SHEET SCALE: 3:1

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

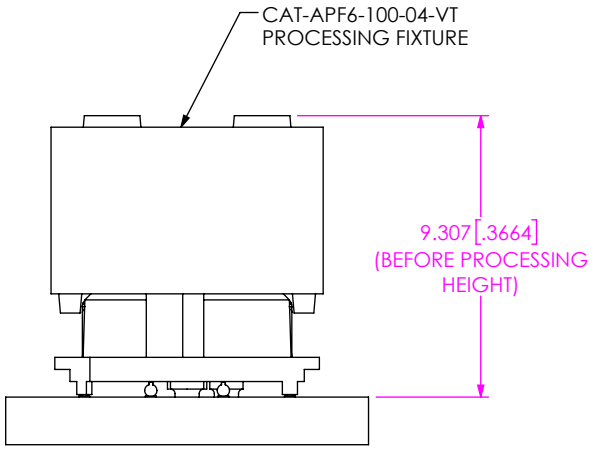
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DESCRIPTION:
CUSTOM COM HPC MALE ASSEMBLY

DWG. NO.
ASP-214802-01

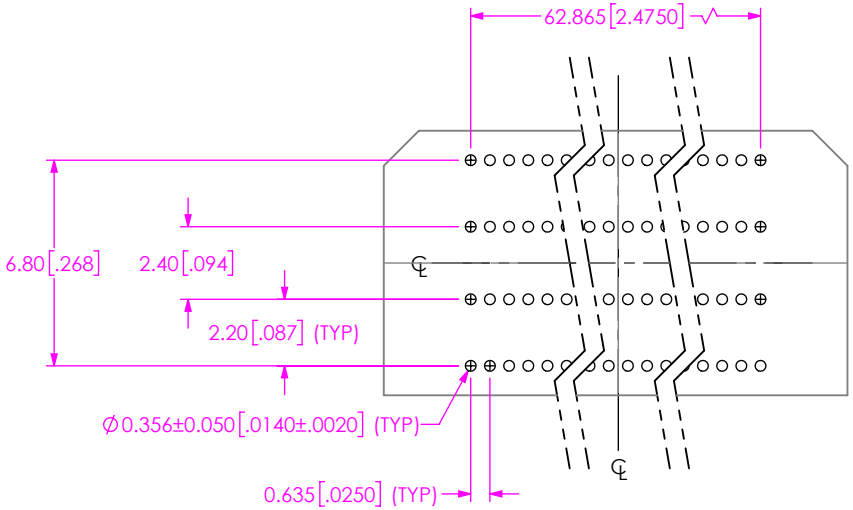
BY: R CURRY 10/17/2019 SHEET 1 OF 8

REVISION E



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: 1:1

DESCRIPTION:
CUSTOM COM HPC MALE ASSEMBLY

DWG. NO.
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BY: R CURRY 10/17/2019 SHEET 2 OF 8

REVISION E

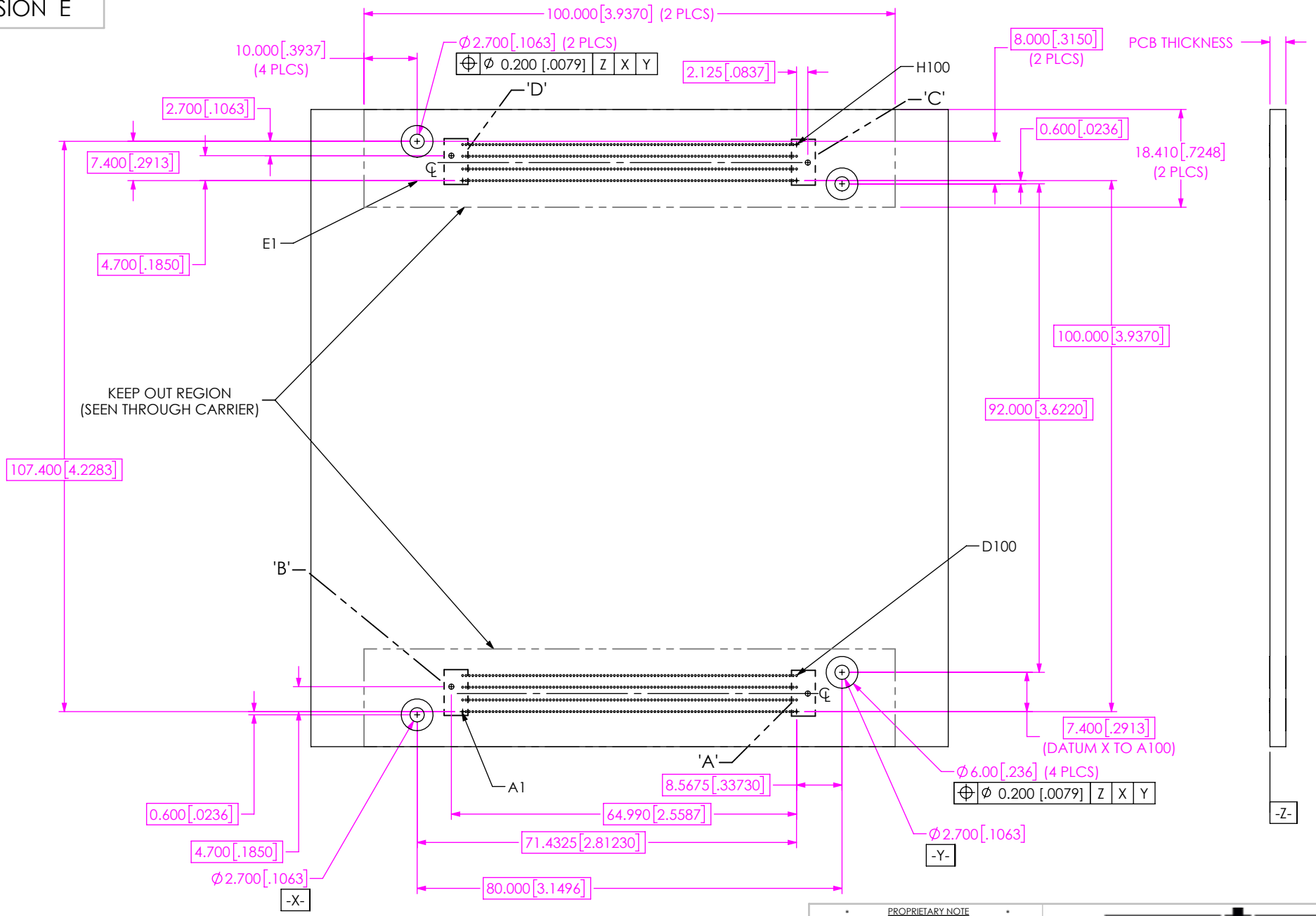


FIG 2
(RECOMMENDED ASP-214802-01)
(LAYOUT FOR COM-HPC® MODULE SIZE A & B)

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SHEET SCALE: 1:1

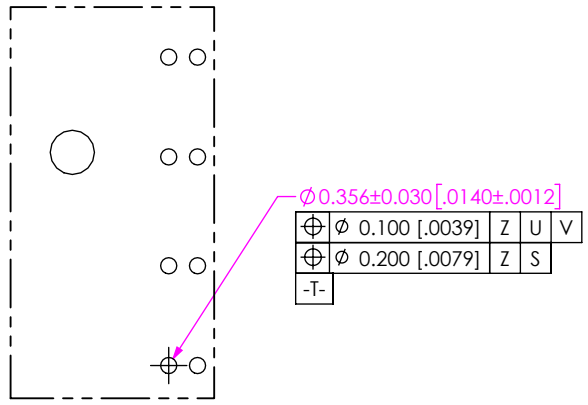
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DWG. NO. ASP-214802-01

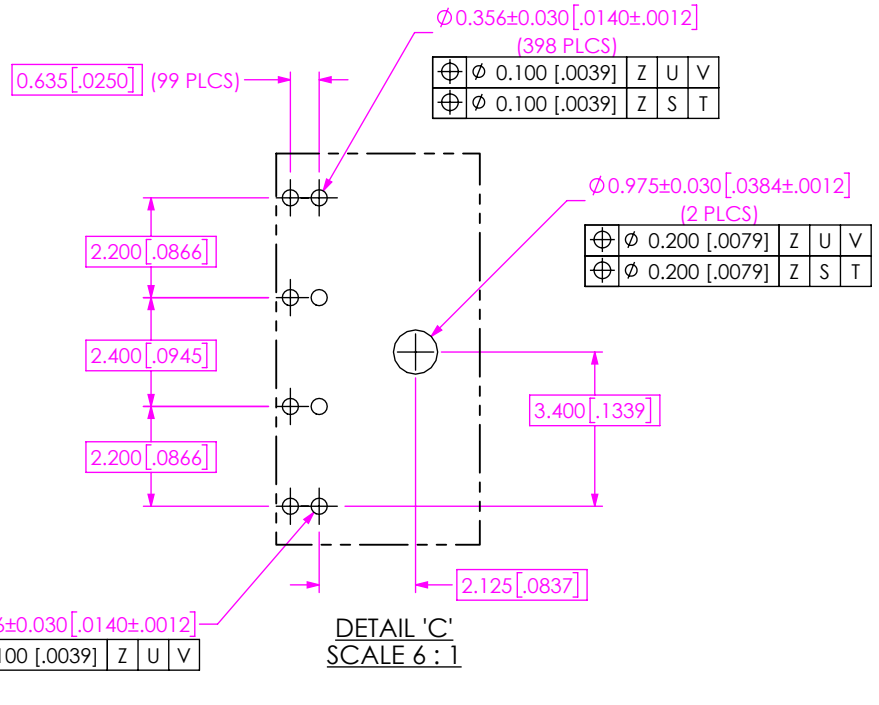
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BY: R CURRY 10/17/2019 SHEET 3 OF 8

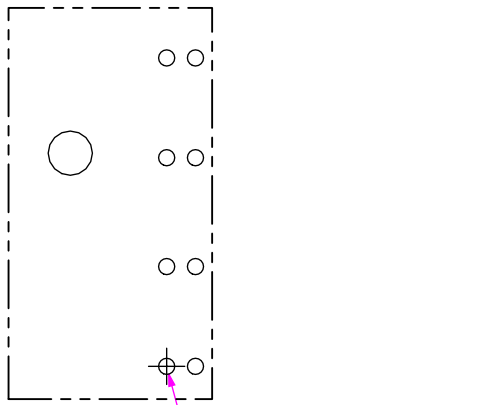
REVISION E



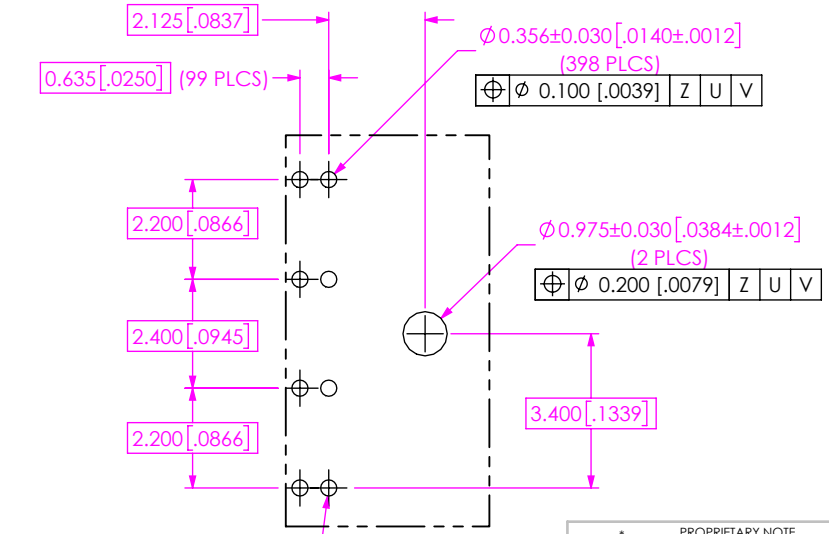
DETAIL 'D'
SCALE 6 : 1



DETAIL 'C'
SCALE 6 : 1



DETAIL 'B'
SCALE 6 : 1



DETAIL 'A'
SCALE 6 : 1

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SHEET SCALE: 1:1

DESCRIPTION:
CUSTOM COM HPC MALE ASSEMBLY

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ASP-214802-01

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BY: R CURRY 10/17/2019 SHEET 4 OF 8

REVISION E

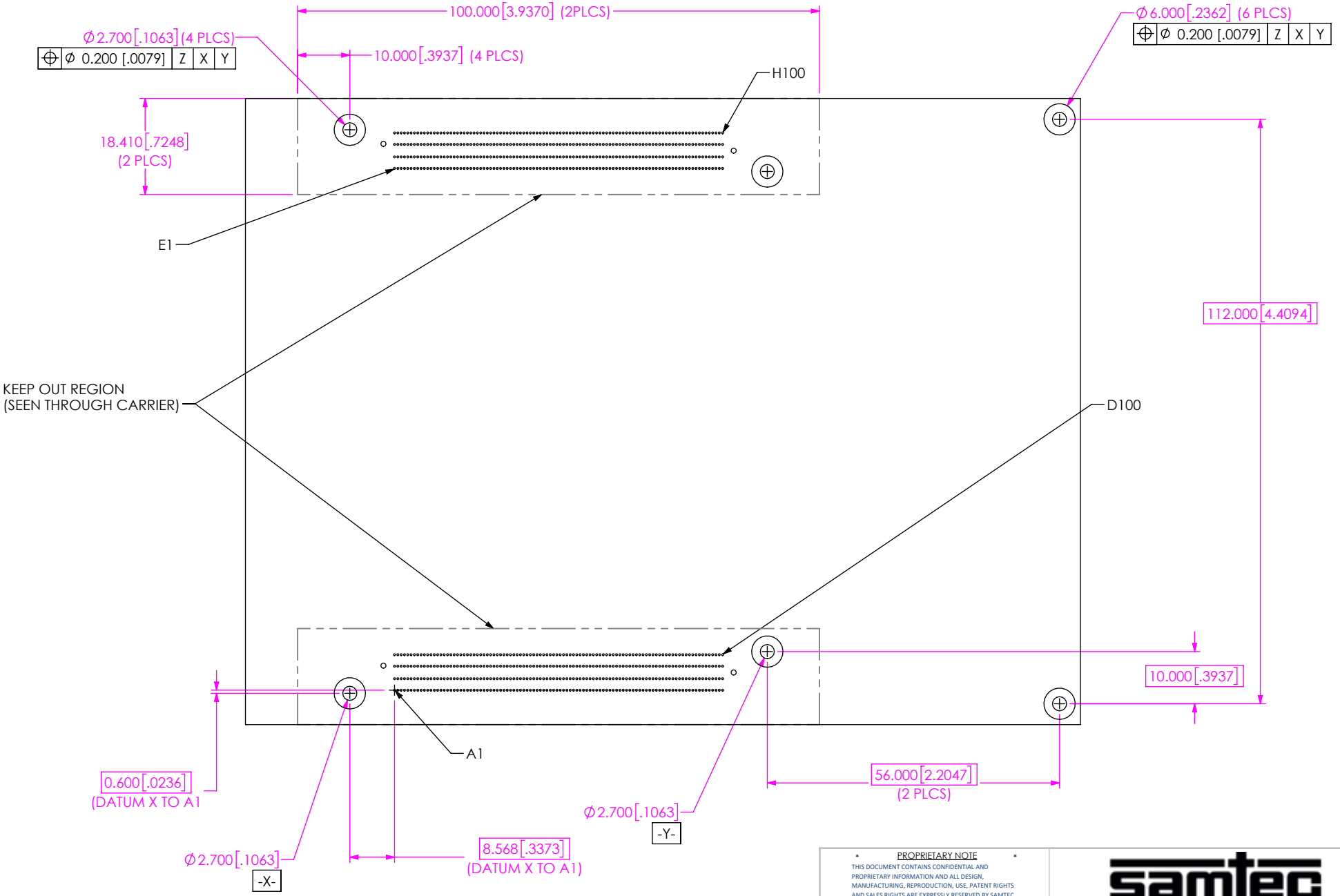


FIG 3
(RECOMMENDED ASP-214802-01)
(SAME AS FIG 2, EXCEPT AS SHOWN)
(LAYOUT FOR COM-HPC® MODULE SIZE C)

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SHEET SCALE: 1:1

DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY

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BY: R CURRY 10/17/2019 SHEET 5 OF 8

REVISION E

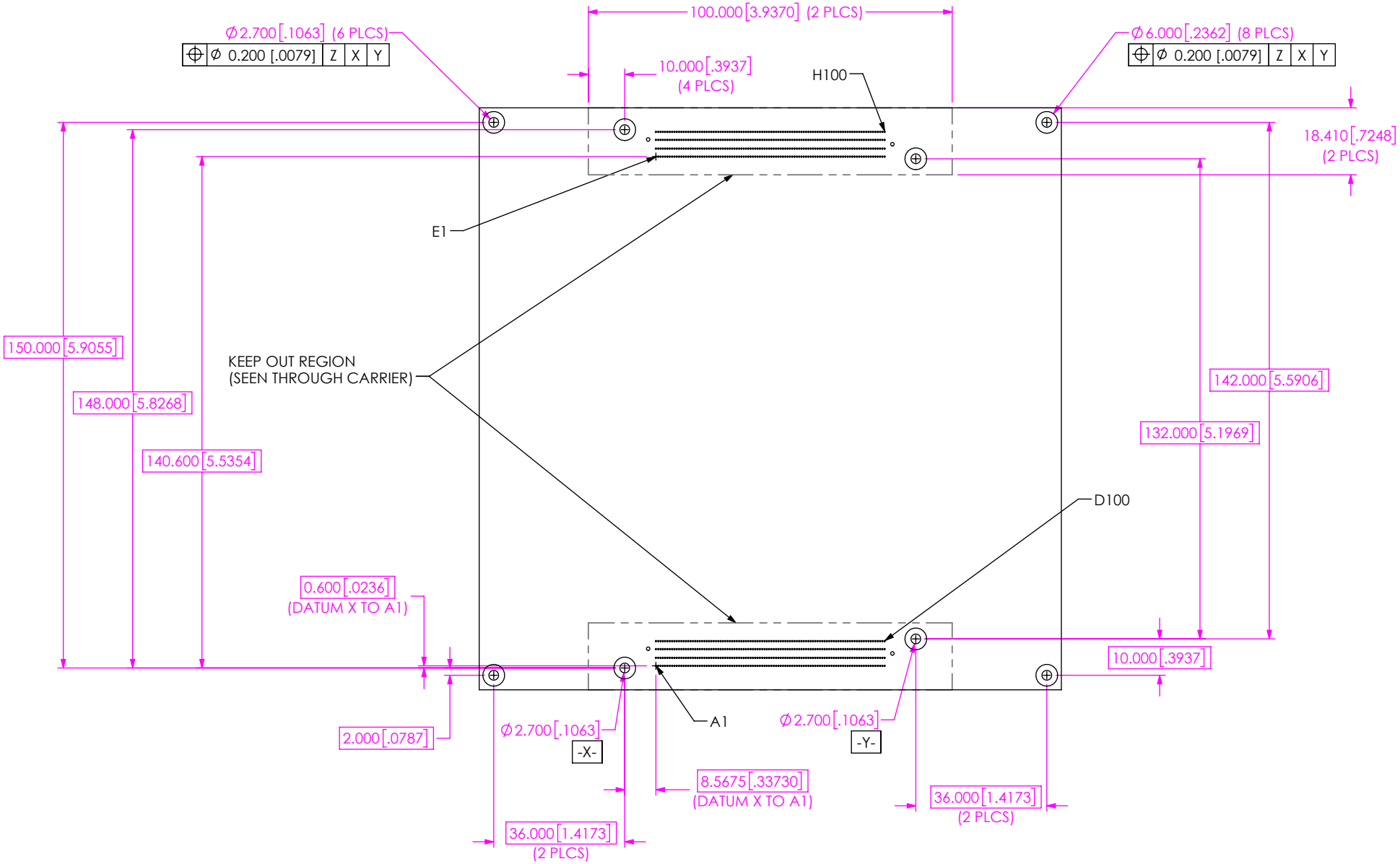


FIG 4

(RECOMMENDED ASP-214802-01)
(SAME AS FIG 2, EXCEPT AS SHOWN)
(LAYOUT FOR COM-HPC® MODULE SIZE D)

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SHEET SCALE: 1:1

DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY

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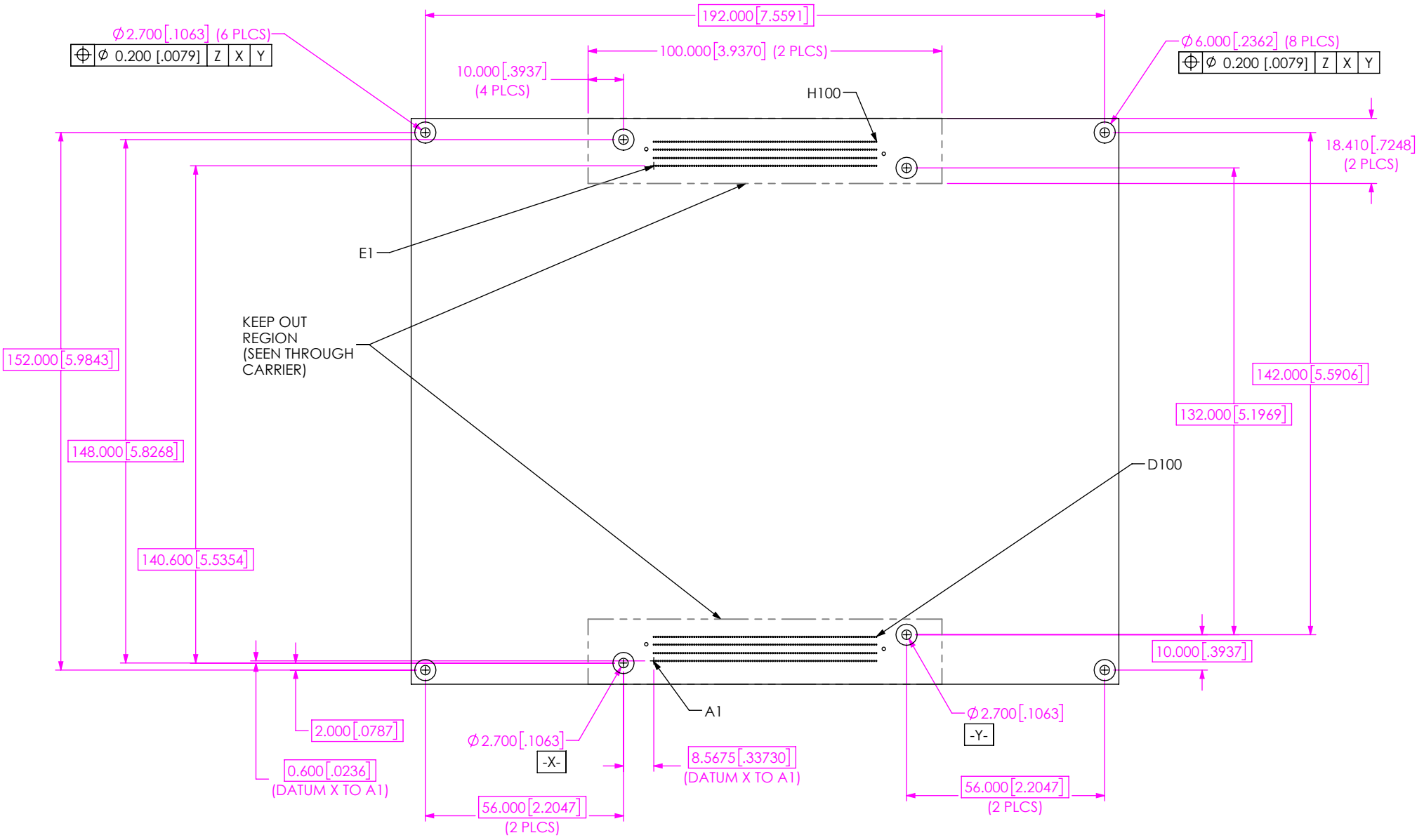


FIG 5

(RECOMMENDED ASP-214802-01)
(SAME AS FIG 2, EXCEPT AS SHOWN)
(LAYOUT FOR COM-HPC® MODULE SIZE E)

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SHEET SCALE: 1:1

DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY

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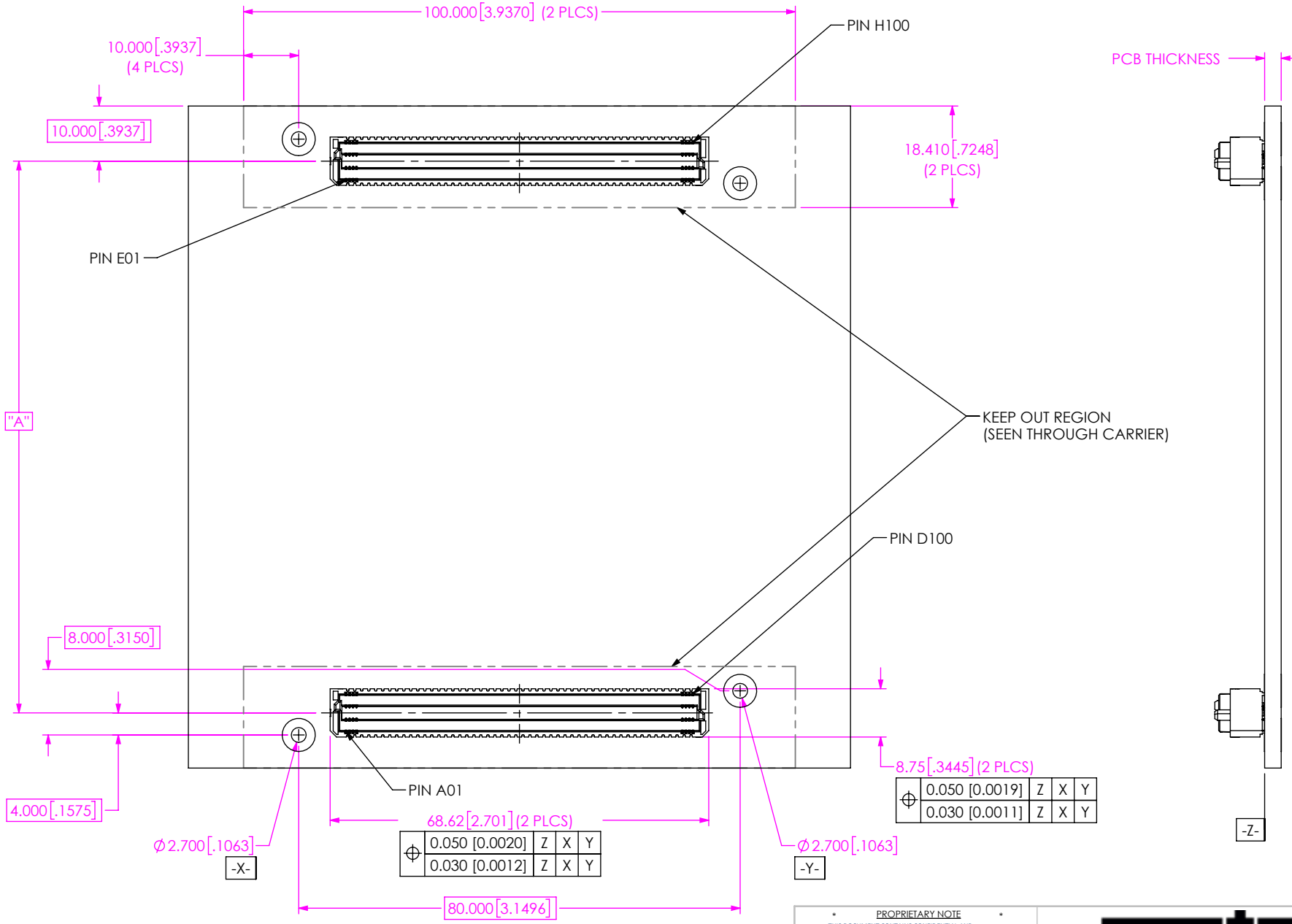


TABLE 1	
COM-HPC® MODULE	"A"
SIZE A	100.000 [3.937]
SIZE B	100.000 [3.937]
SIZE C	100.000 [3.937]
SIZE D	140.000 [5.512]
SIZE E	140.000 [5.512]

FIG 6
COM-HPC® ASSEMBLY APPLICATION
(RECOMMENDED ASP-214802-01 LAYOUT FOR COM-HPC®)

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SHEET SCALE: 1:1

DESCRIPTION:
CUSTOM COM HPC MALE ASSEMBLY

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BY: R CURRY 10/17/2019 SHEET 8 OF 8