

DO NOT SCALE FROM THIS PRINT

NOTES:

1. MINIMUM PUSHOUT FORCE: 1.2N
2. PARTS TO BE PACKAGED IN TAPE & REEL.
3. SHEET 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

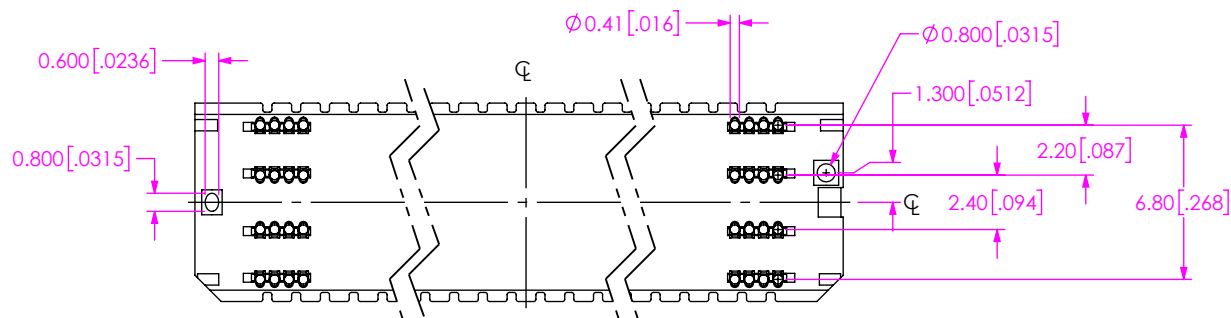
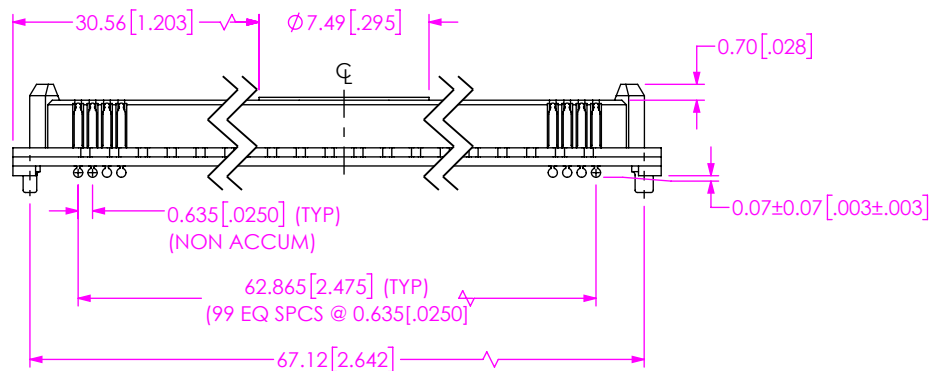
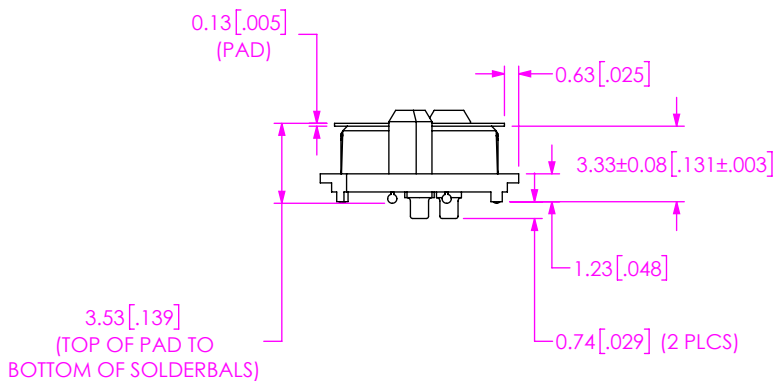
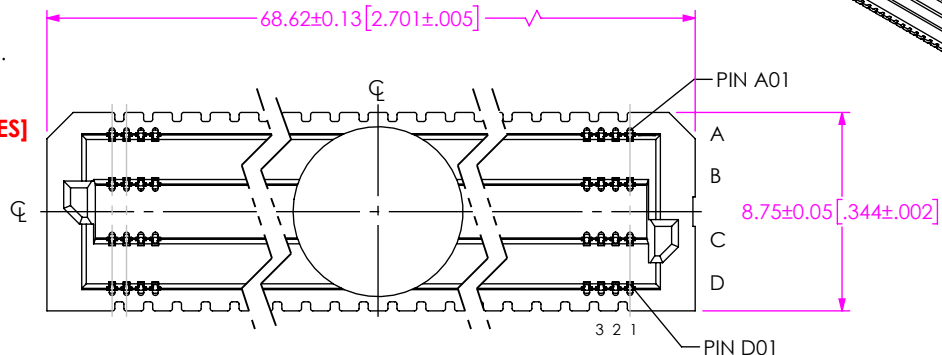
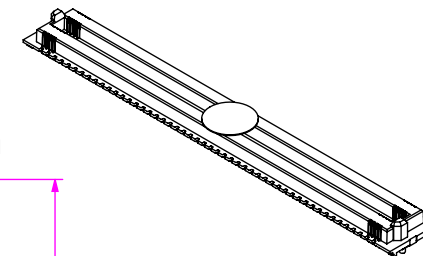
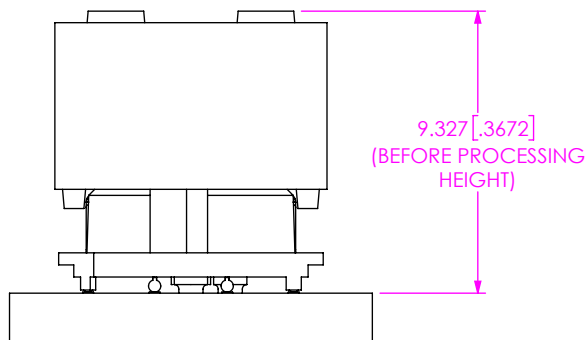
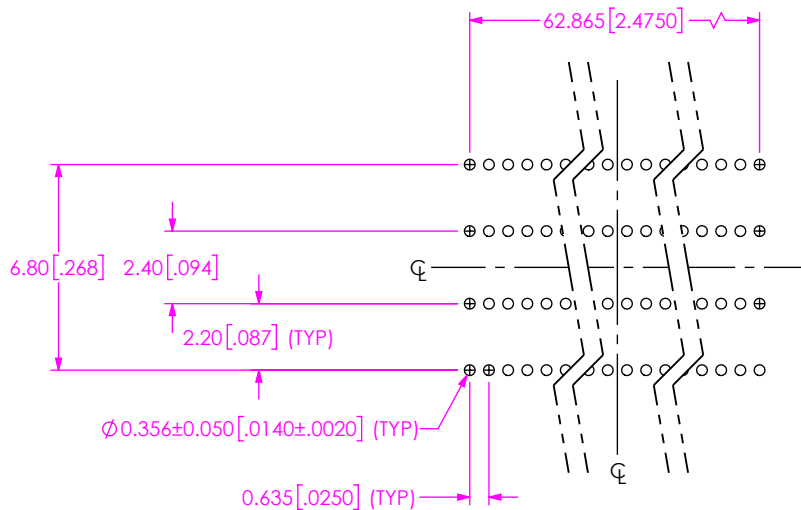


FIG 1  
(ASP-214802-02 SHOWN)

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DO NOT SCALE DRAWING	SHEET SCALE: 3:1	DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY	
<p>MATERIAL: INSULATOR: LCP, COLOR: NATURAL TERMINAL: COPPER ALLOY PLATING: CONTACT AREA: .000030" GOLD OVER .000050" NICKEL REMAINDER: .000200" REF TIN OVER .000050" NICKEL</p>		DWG. NO. ASP-214802-02	
F:\DWG\SW\ASP\214000\ASP-214802-02.SLDDRW		BY: R. CURRY	11/05/2020 SHEET 1 OF 8



**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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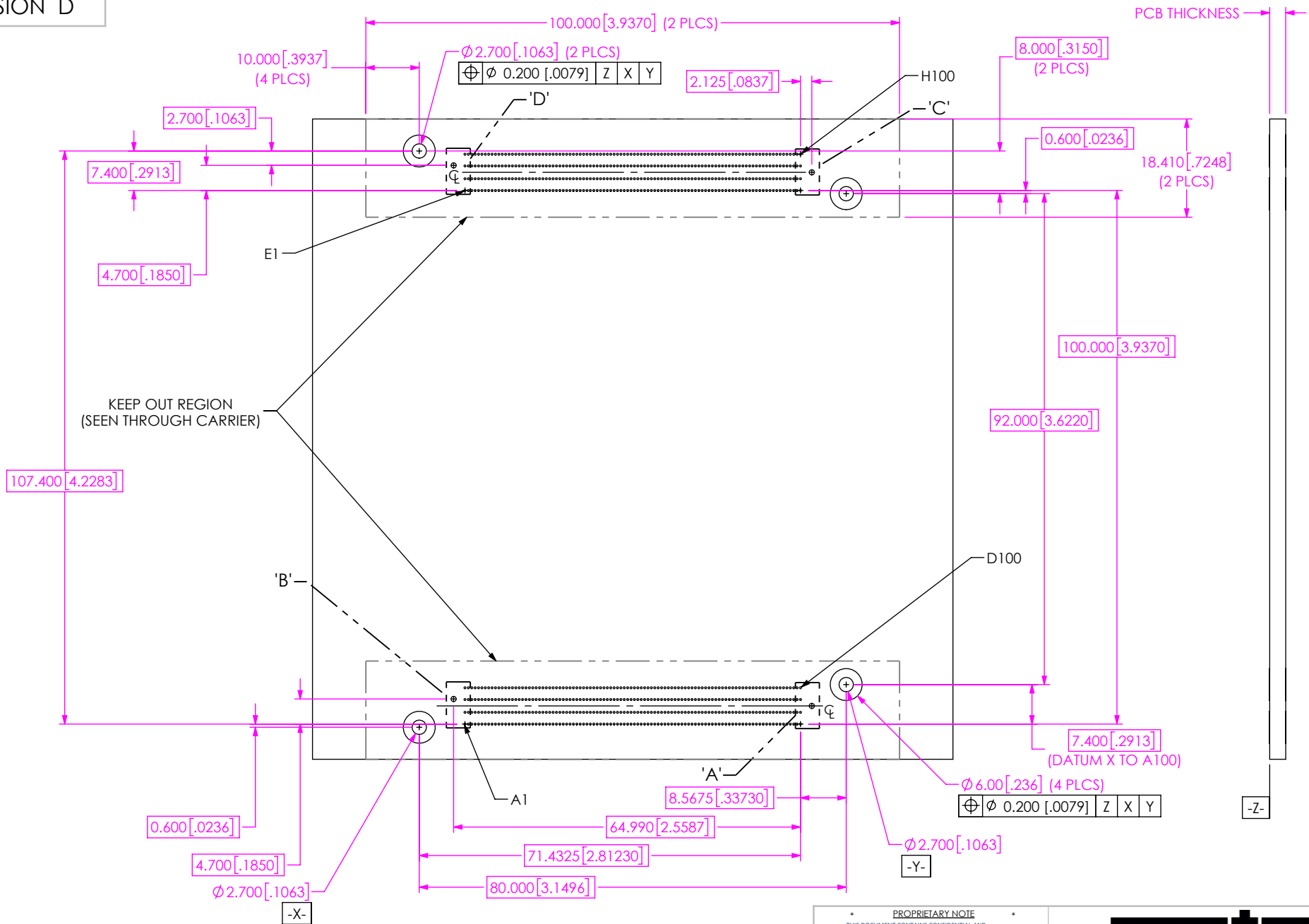


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SHEET SCALE: 1:1

DESCRIPTION:  
 CUSTOM COM HPC MALE ASSEMBLY

DWG. NO.  
 ASP-214802-02



**FIG 2**  
 (RECOMMENDED ASP-214802-02)  
 (LAYOUT FOR COM-HPC® MODULE SIZE A & B)

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SHEET SCALE: 1:1

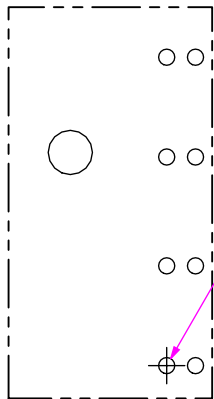
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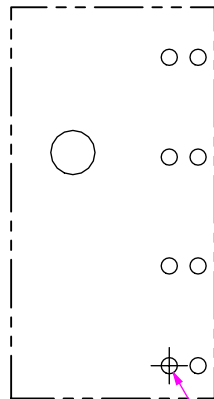
BY: R. CURRY 11/05/2020 SHEET 3 OF 8



$\phi 0.356 \pm 0.030 [0.140 \pm 0.012]$

$\phi$	0.100	[.0039]	Z	U	V
$\phi$	0.200	[.0079]	Z	S	
-T-					

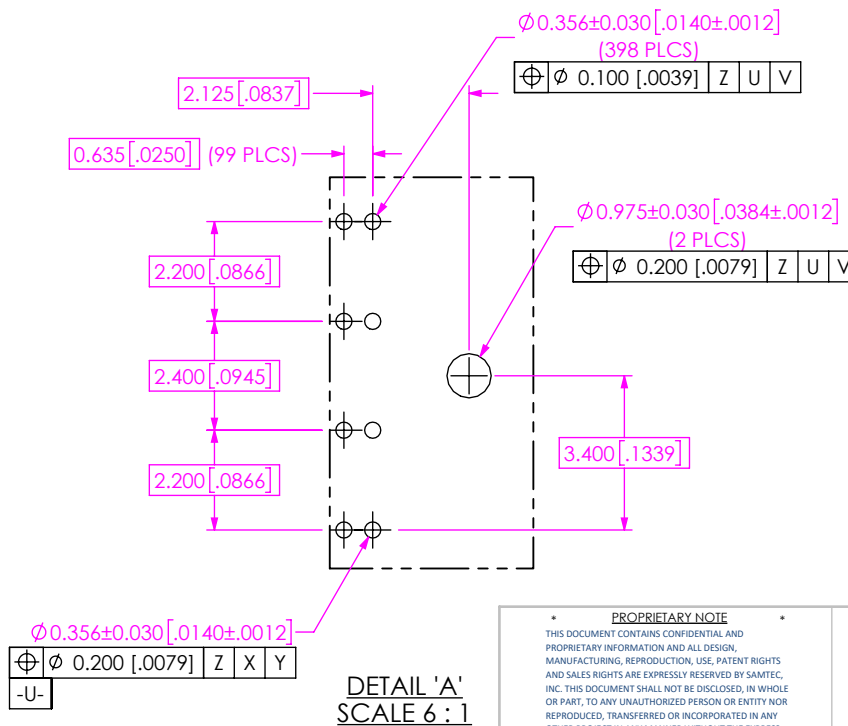
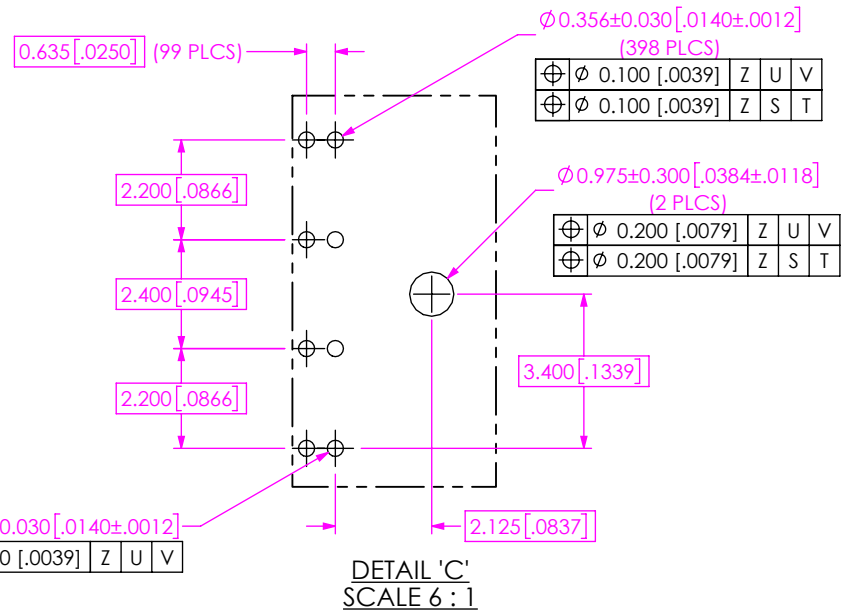
DETAIL 'D'  
SCALE 6 : 1



$\phi 0.356 \pm 0.030 [0.140 \pm 0.012]$

$\phi$	0.200	[.0079]	Z	X	Y
$\phi$	0.100	[.0039]	Z	U	
-V-					

DETAIL 'B'  
SCALE 6 : 1



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SHEET SCALE: 1:1

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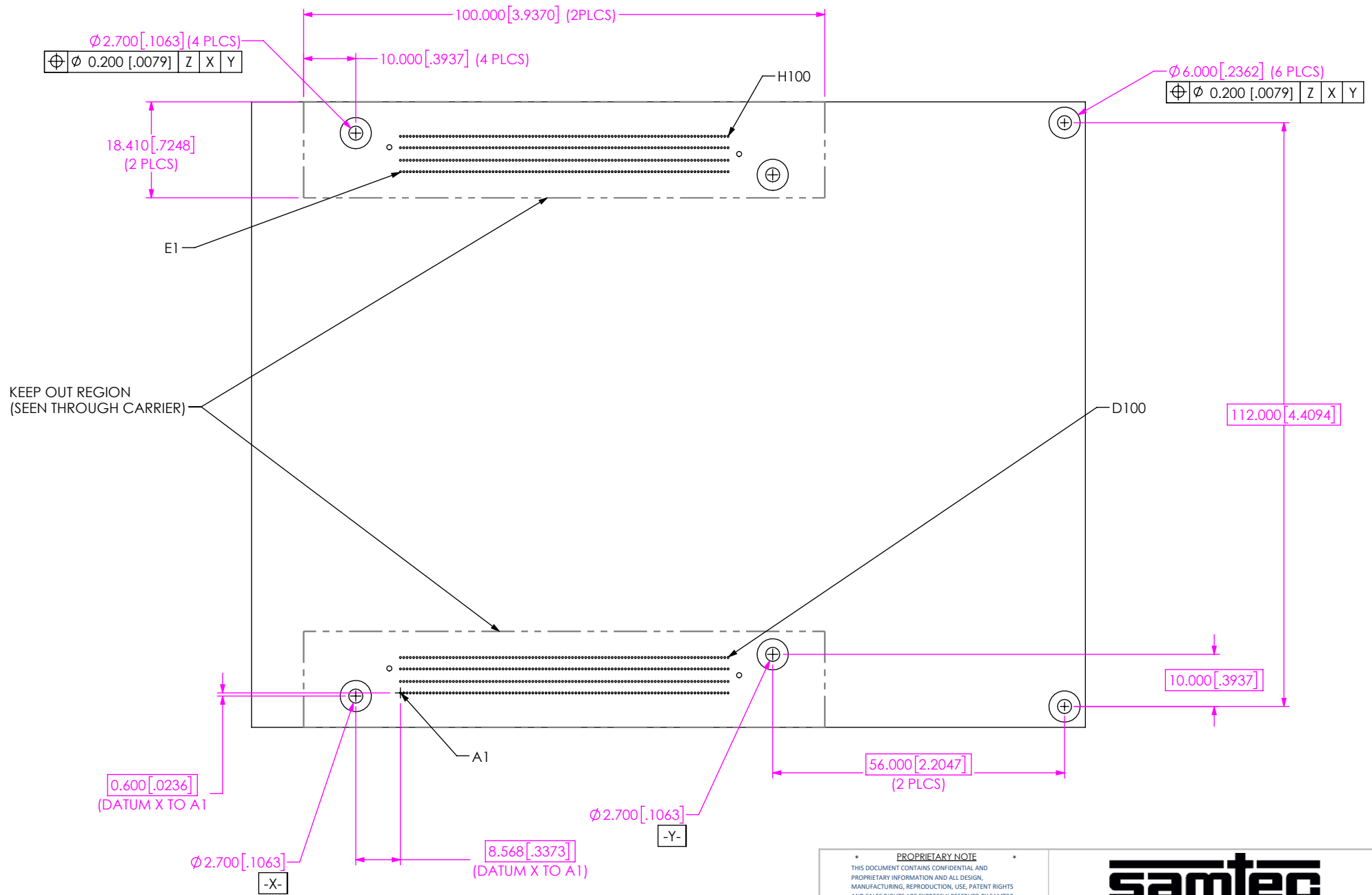
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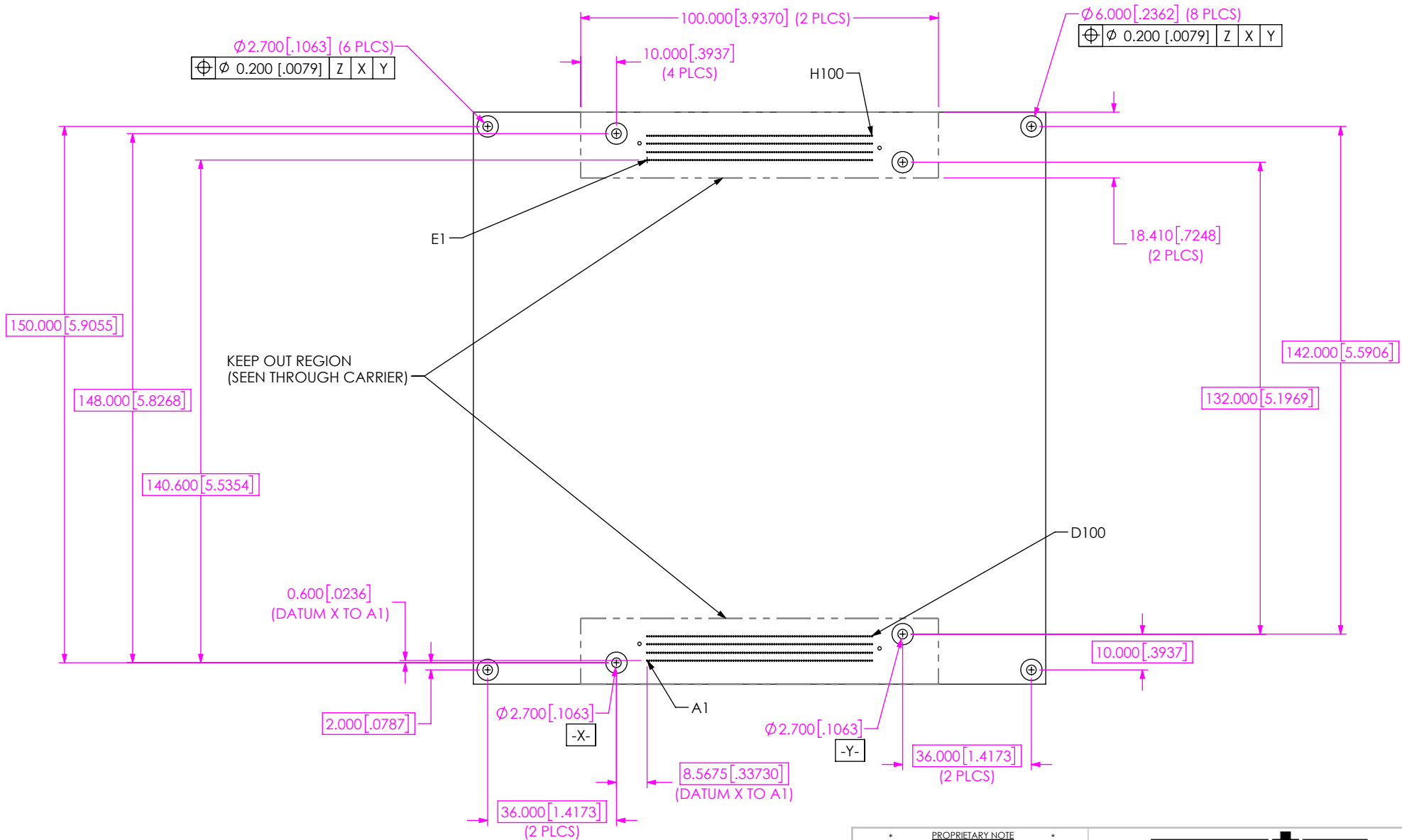
DWG. NO.  
**ASP-214802-02**

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**FIG 3**  
 (RECOMMENDED ASP-214802-02)  
 (SAME AS FIG 2, EXCEPT AS SHOWN)  
 (LAYOUT FOR COM-HPC<sup>®</sup> MODULE SIZE C)

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	<p>SHEET SCALE: 1:1</p>	<p>DESCRIPTION:                  CUSTOM COM HPC MALE ASSEMBLY</p>
	<p>DWG. NO.                  ASP-214802-02</p>	
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**FIG 4**  
 (RECOMMENDED ASP-214802-02)  
 (SAME AS FIG 2, EXCEPT AS SHOWN)  
 (LAYOUT FOR COM-HPC® MODULE SIZE D)

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<p>F:\DWG\SW\ASP\214000\ASP-214802-02.SLDDRW</p>	<p>BY: R. CURRY</p>	<p>11/05/2020</p>	<p>SHEET 6 OF 8</p>

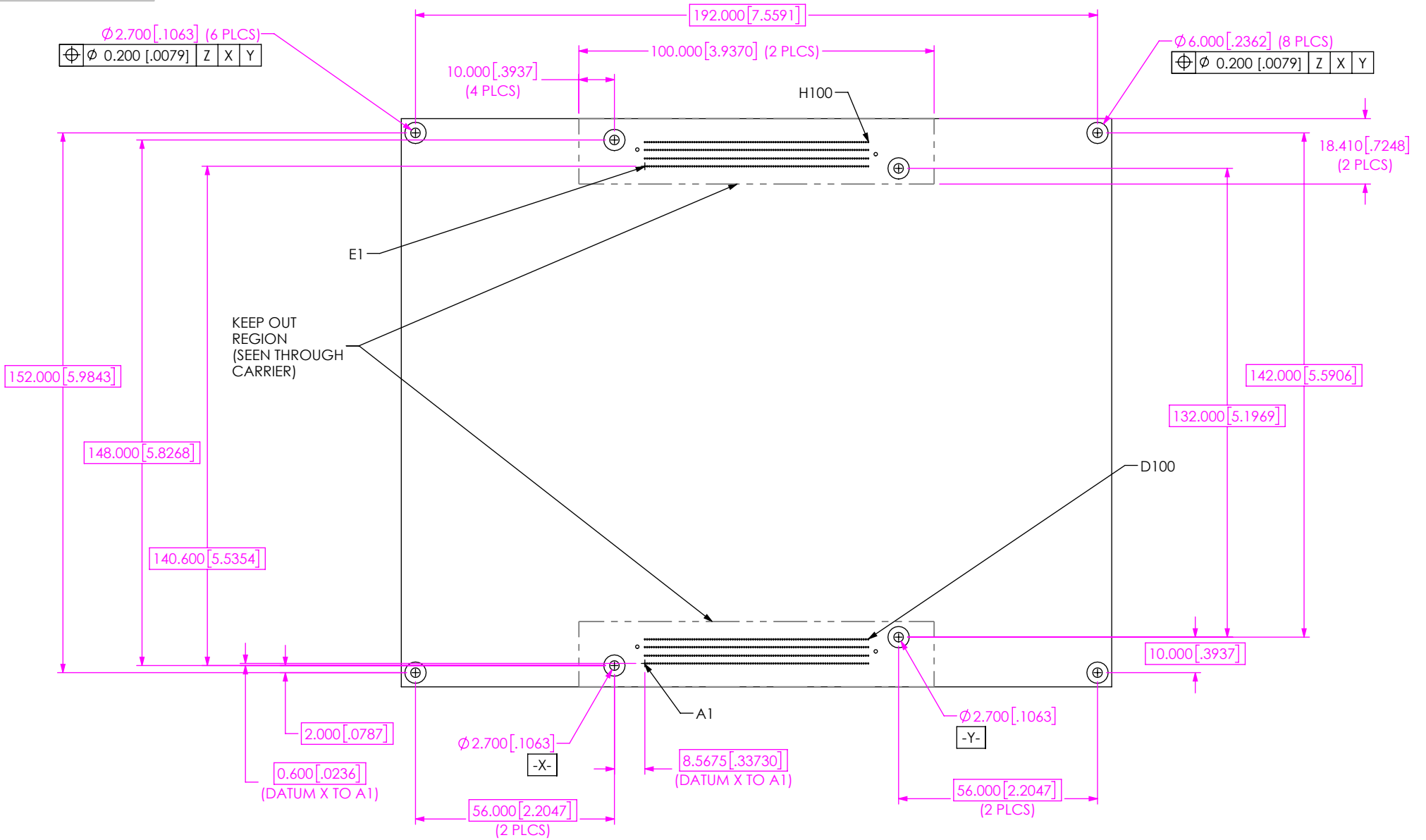


FIG 5  
(RECOMMENDED ASP-214802-02)  
(SAME AS FIG 2, EXCEPT AS SHOWN)  
(LAYOUT FOR COM-HPC® MODULE SIZE E)

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BY: R. CURRY 11/05/2020 SHEET 7 OF 8

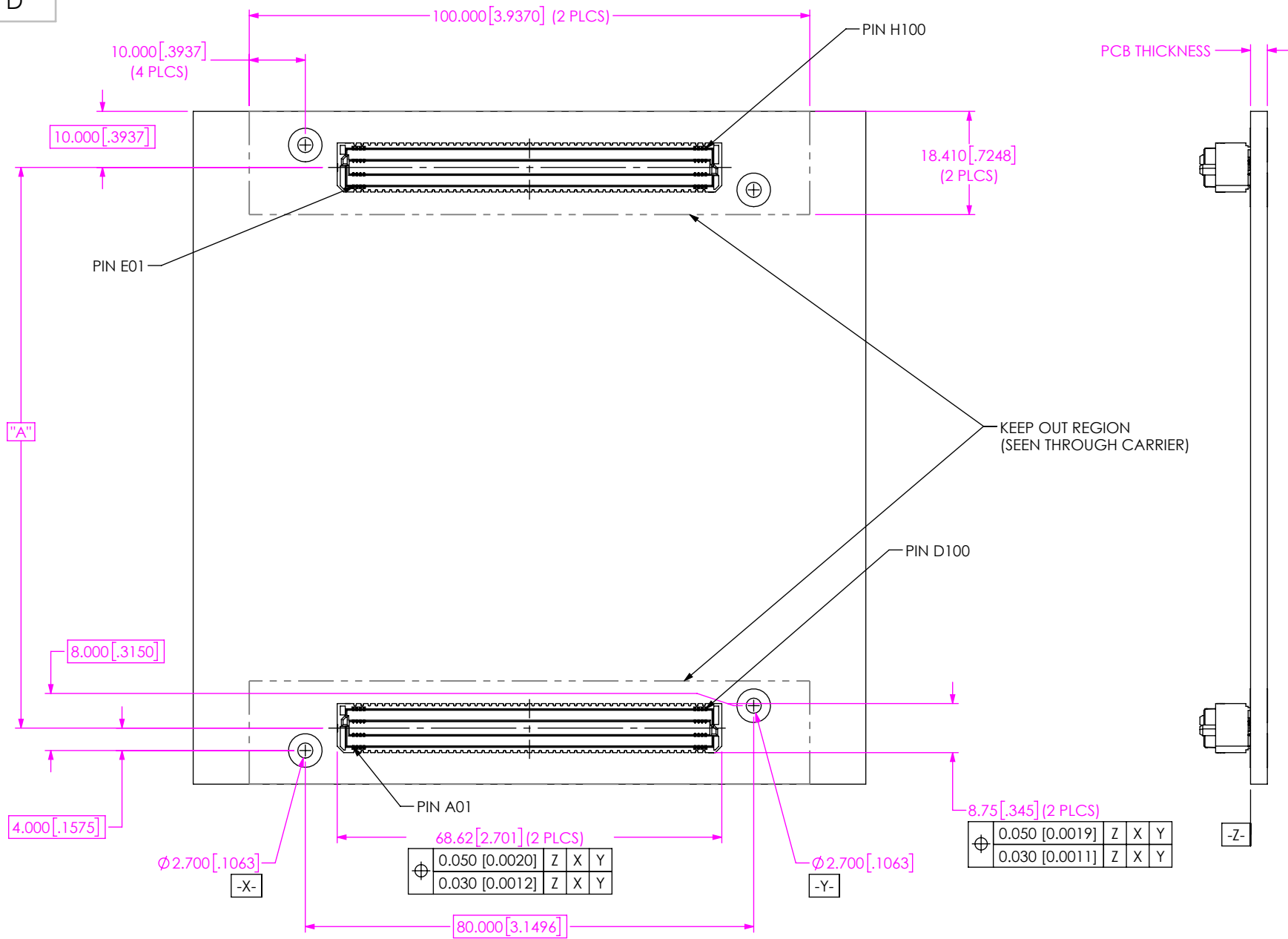


FIG 6  
COM-HPC® ASSEMBLY APPLICATION  
(RECOMMENDED ASP-214802-02 LAYOUT FOR COM-HPC®)

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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BY: R. CURRY 11/05/2020 SHEET 8 OF 8

SHEET SCALE: 1:1

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