

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

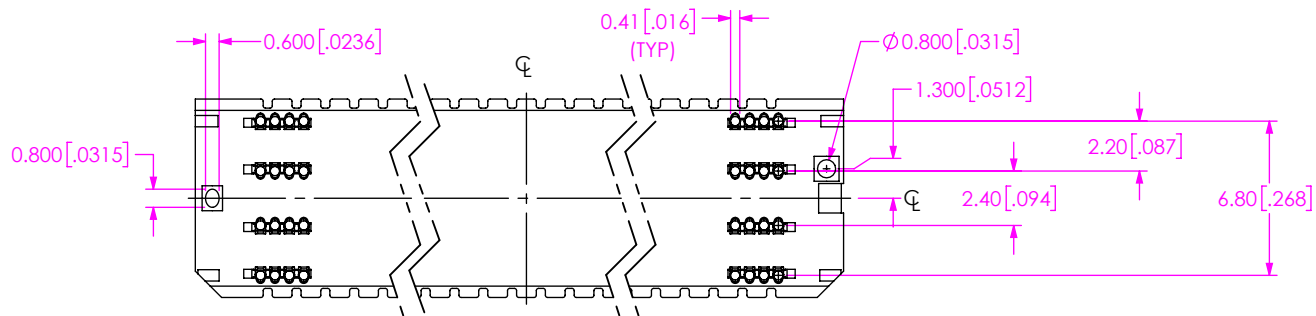
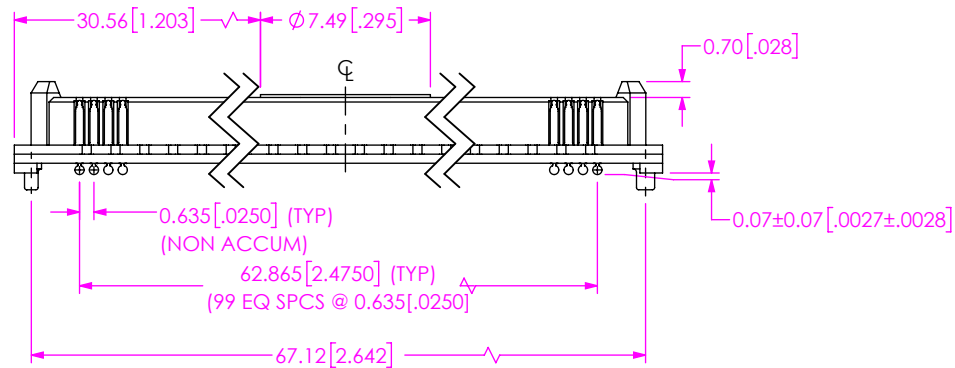
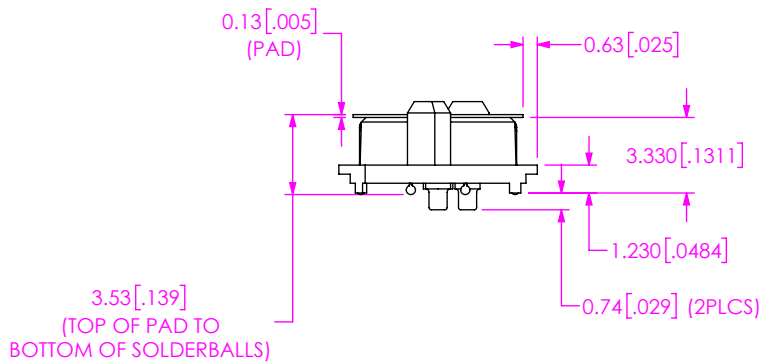
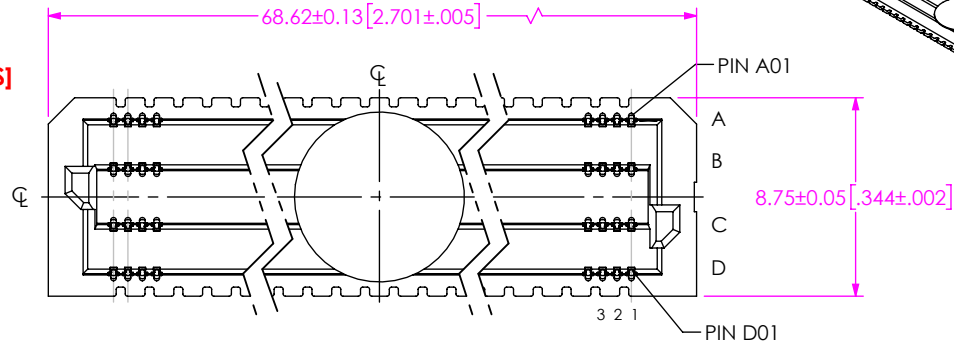
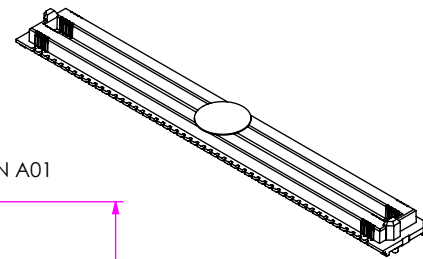


FIG 1
(ASP-214802-01 SHOWN)


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MATERIAL:
INSULATOR: LCP, COLOR: NATURAL
TERMINAL: COPPER ALLOY

PLATING:
CONTACT AREA: .00010" GOLD OVER .000050" NICKEL
REMAINDER: .000200" REF TIN OVER .000050" NICKEL

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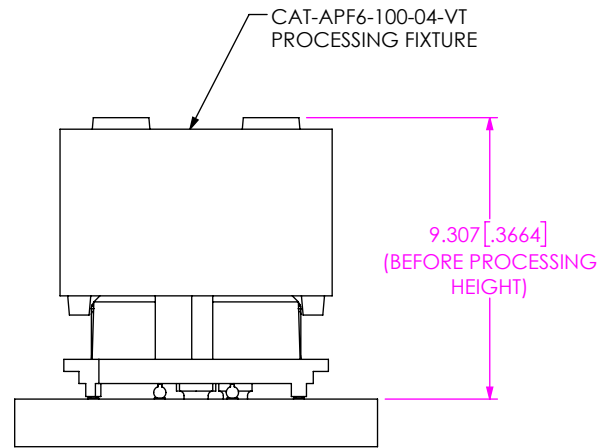


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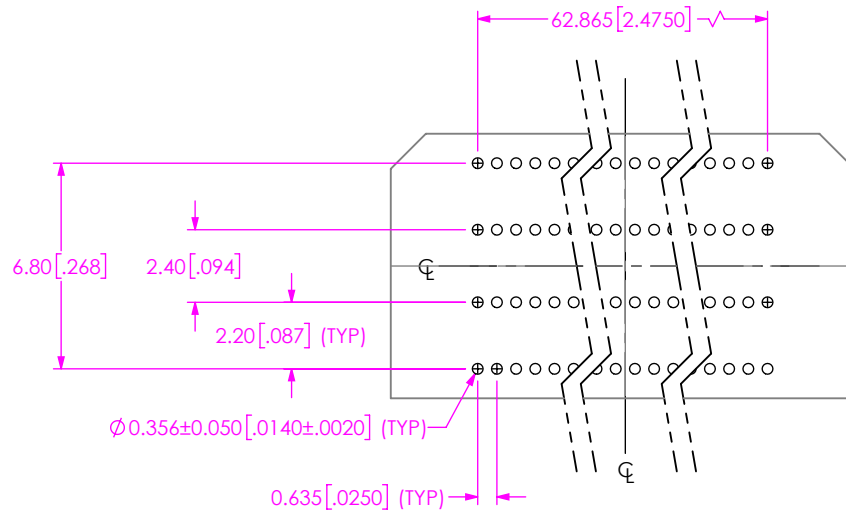
DESCRIPTION:
CUSTOM COM HPC MALE ASSEMBLY

DWG. NO. ASP-214802-01

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



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

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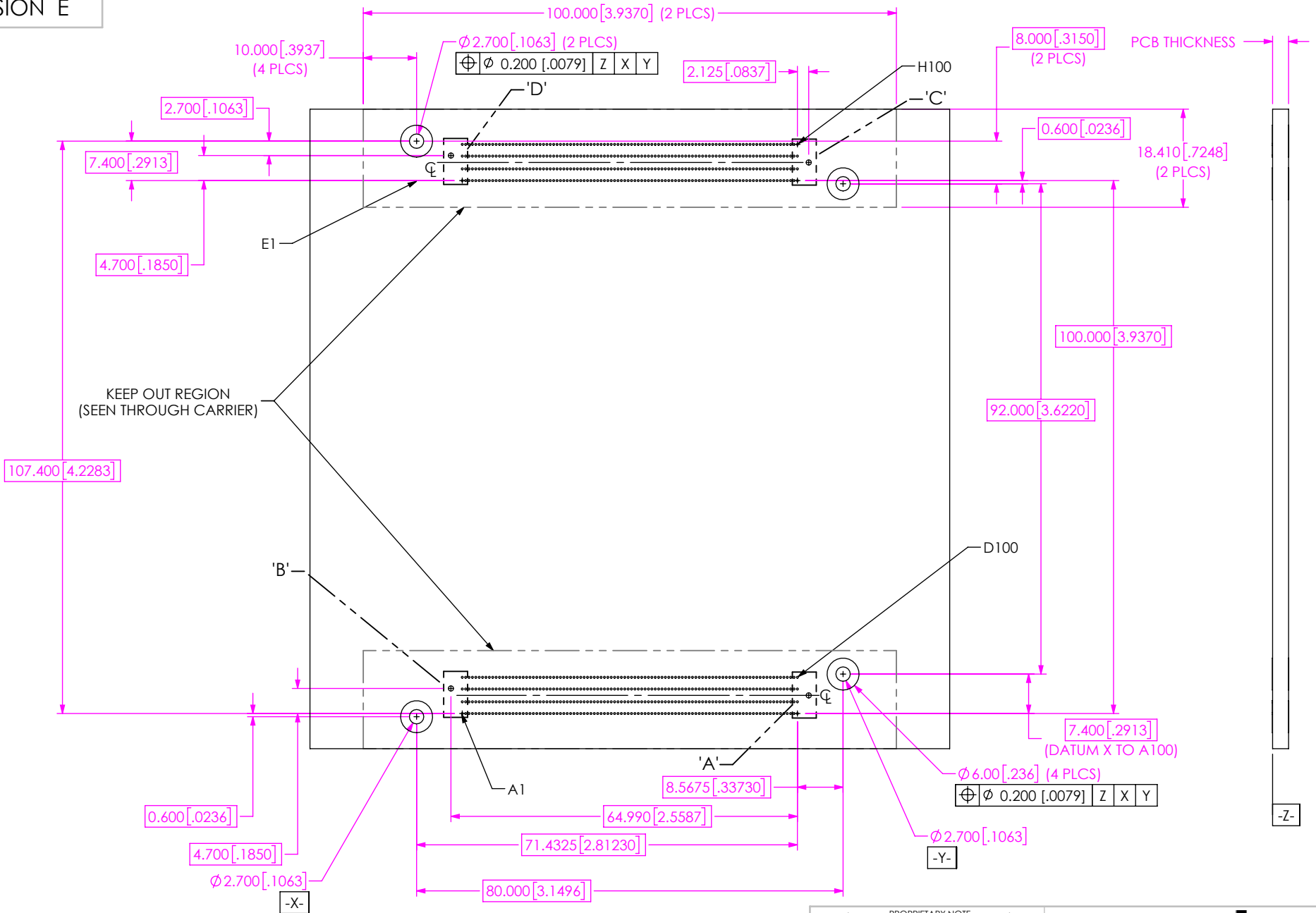
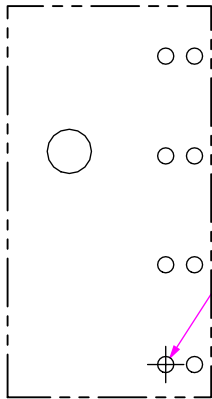


FIG 2
 (RECOMMENDED ASP-214802-01)
 (LAYOUT FOR COM-HPC® MODULE SIZE A & B)

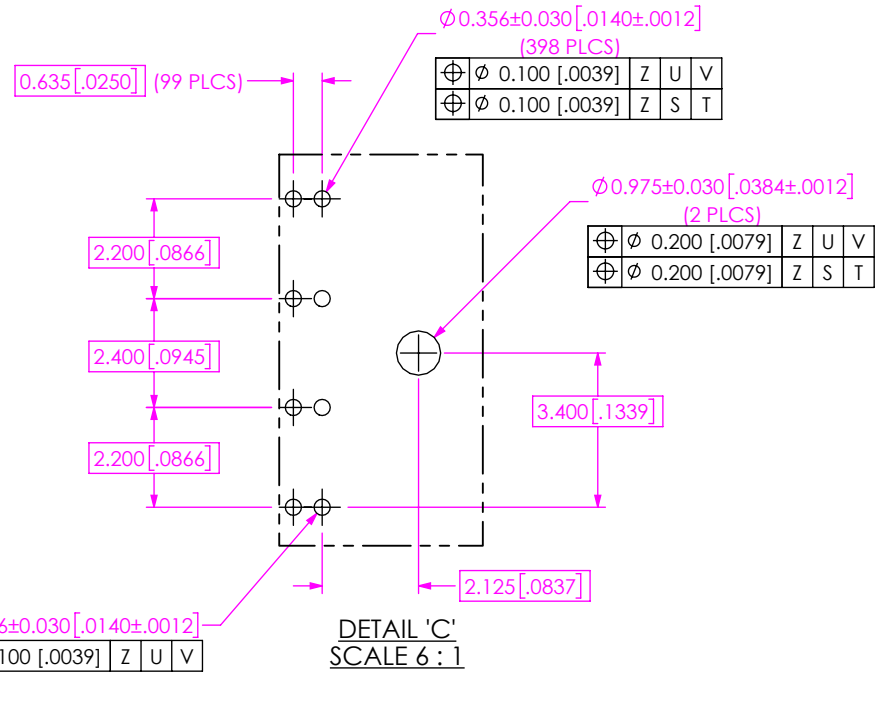
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<p>SHEET SCALE: 1:1</p>	<p>DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY</p>
<p>F:\DWG\MISC\MKTG\ASP-214802-01-MKT.SLDRW</p>	<p>DWG. NO. ASP-214802-01</p> <p>BY: R CURRY 10/17/2019 SHEET 3 OF 8</p>



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

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

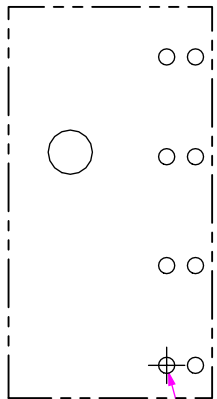
DETAIL 'D'
SCALE 6 : 1



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

\varnothing	0.100	[.0039]	Z	U	V
-S-					

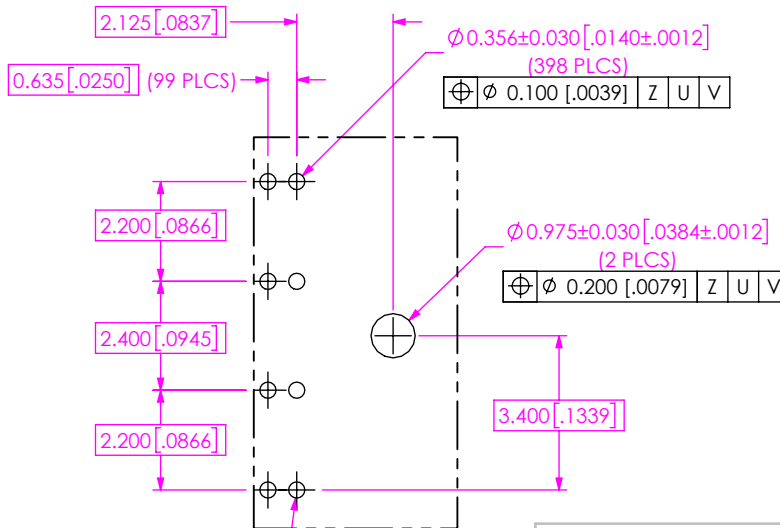
DETAIL 'C'
SCALE 6 : 1



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

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

DETAIL 'B'
SCALE 6 : 1



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

\varnothing	0.200	[.0079]	Z	X	Y
-U-					

DETAIL 'A'
SCALE 6 : 1

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SHEET SCALE: 1:1

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 e-Mail: info@SAMTEC.com code 55322

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

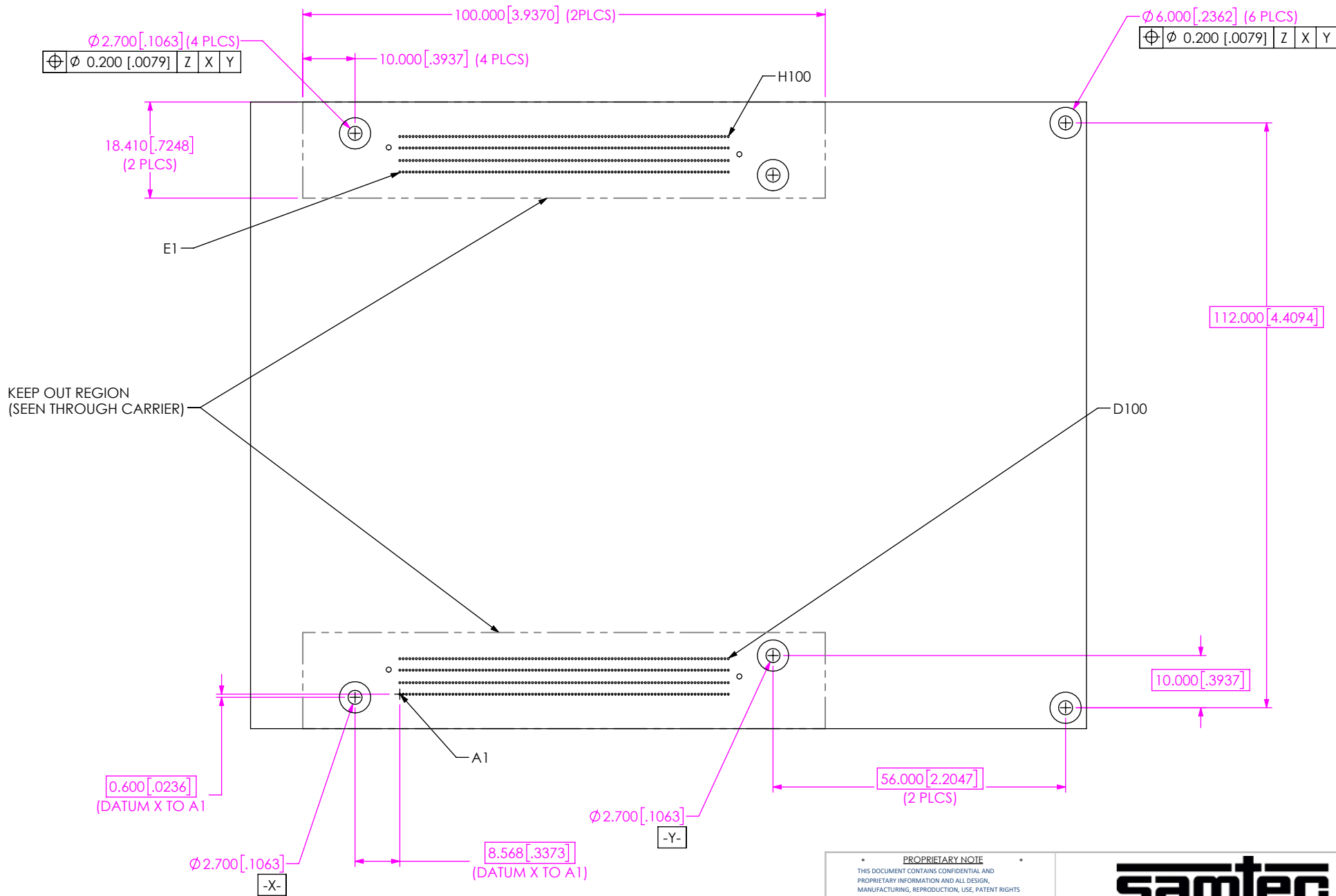



FIG 3
 (RECOMMENDED ASP-214802-01)
 (SAME AS FIG 2, EXCEPT AS SHOWN)
 (LAYOUT FOR COM-HPC® MODULE SIZE C)

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	SHEET SCALE: 1:1	DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY
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BY: R CURRY		10/17/2019
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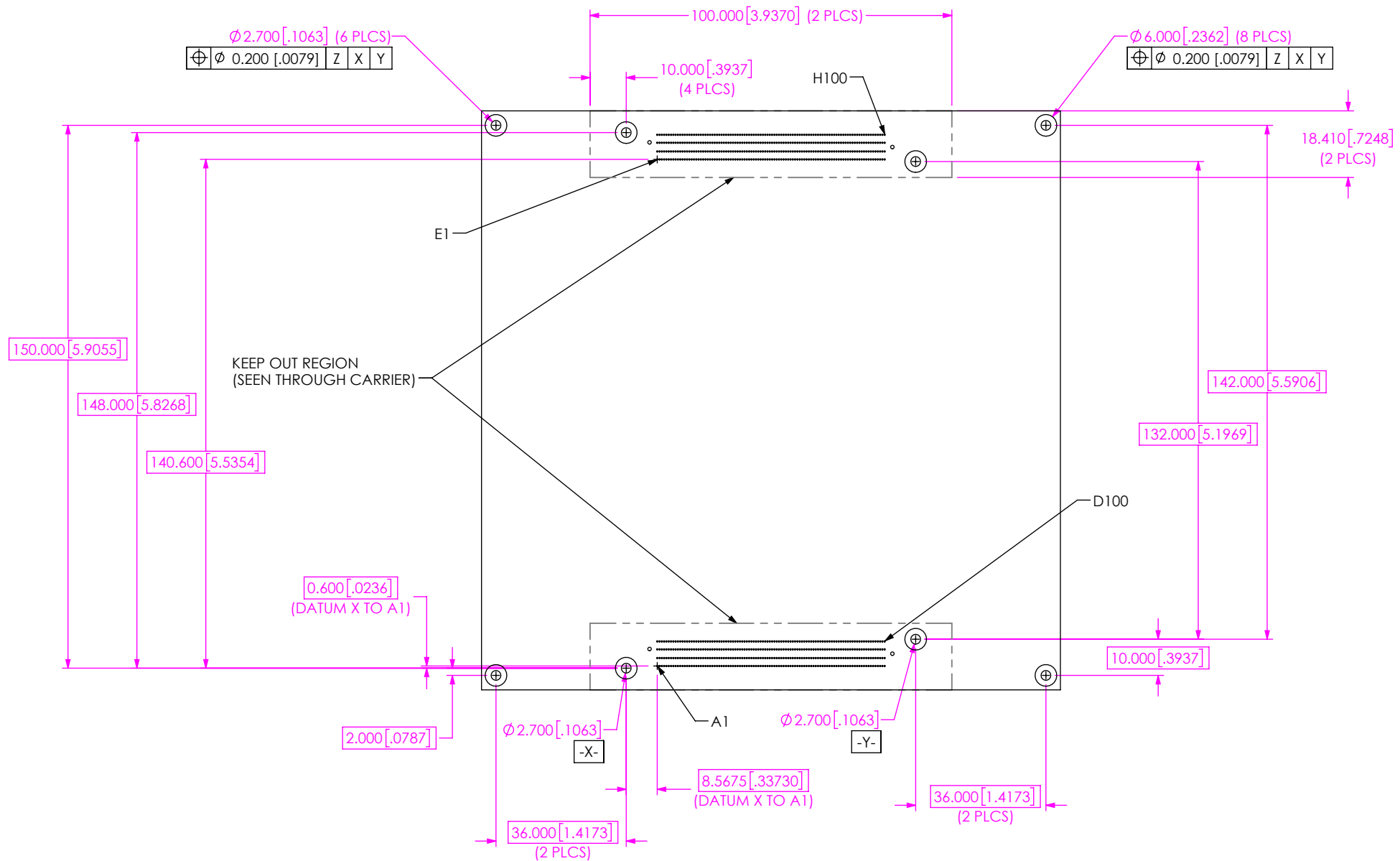


FIG 4
 (RECOMMENDED ASP-214802-01)
 (SAME AS FIG 2, EXCEPT AS SHOWN)
 (LAYOUT FOR COM-HPC® MODULE SIZE D)

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	<p>DESCRIPTION: CUSTOM COM HPC MALE ASSEMBLY</p>	<p>DWG. NO. ASP-214802-01</p>	
<p>SHEET SCALE: 1:1</p>	<p>BY: R CURRY</p>	<p>10/17/2019</p>	<p>SHEET 6 OF 8</p>

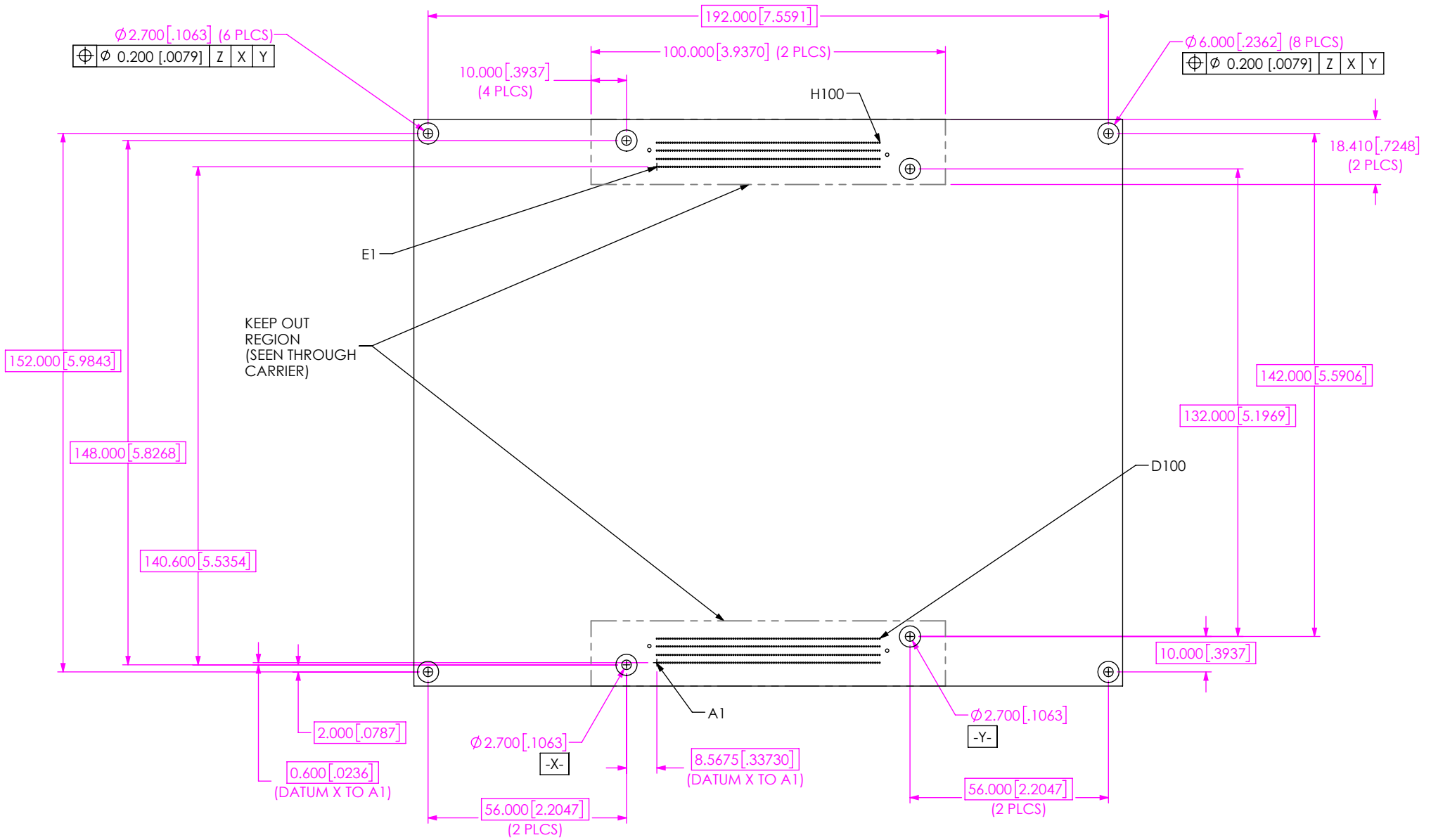


FIG 5
 (RECOMMENDED ASP-214802-01)
 (SAME AS FIG 2, EXCEPT AS SHOWN)
 (LAYOUT FOR COM-HPC® MODULE SIZE E)

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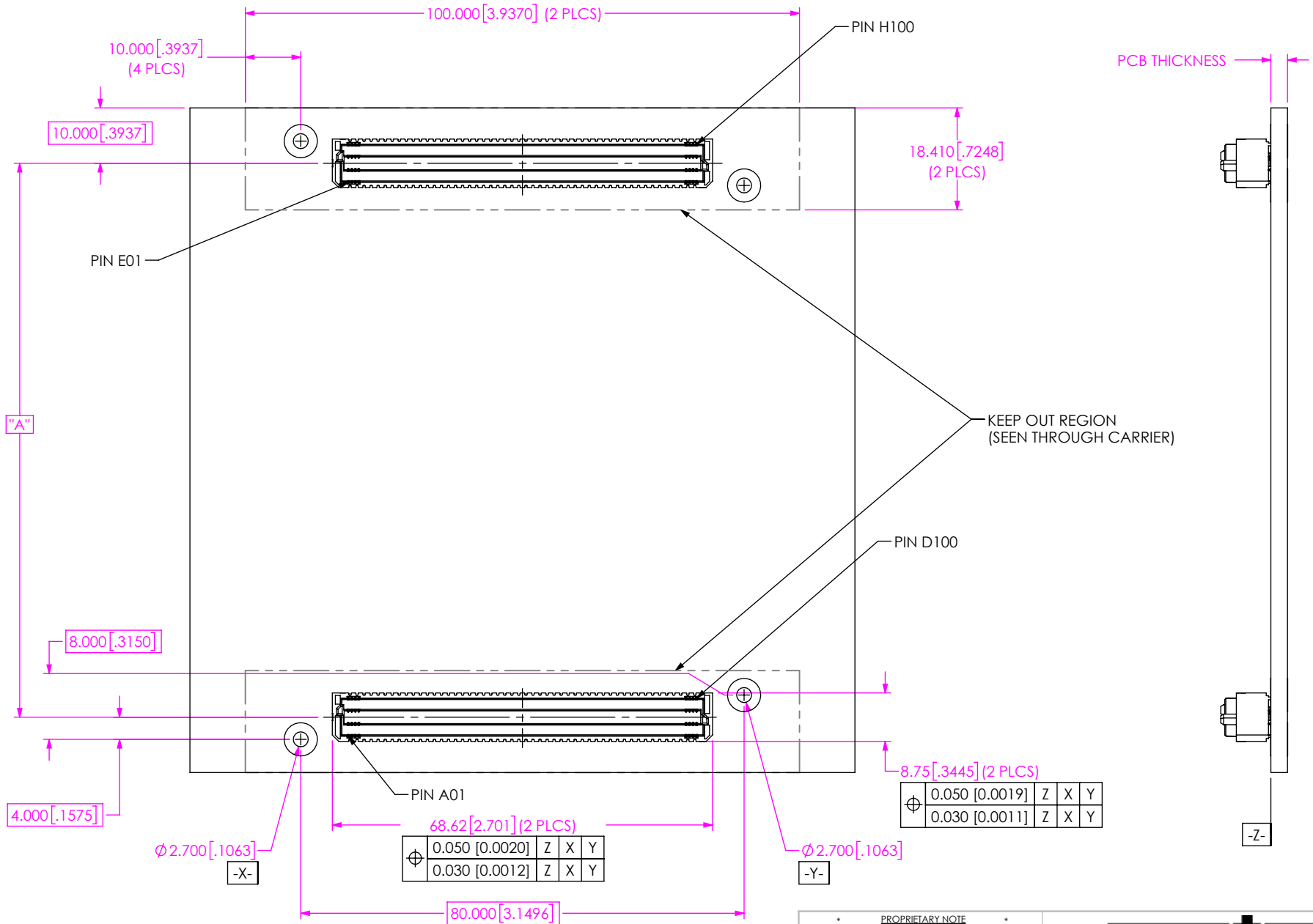


FIG 6
COM-HPC® ASSEMBLY APPLICATION
(RECOMMENDED ASP-214802-01 LAYOUT FOR COM-HPC®)

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]

⊕	0.050 [0.0019]	Z	X	Y
	0.030 [0.0011]	Z	X	Y

⊕	0.050 [0.0020]	Z	X	Y
	0.030 [0.0012]	Z	X	Y

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SHEET SCALE: 1:1

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