NOTES UNLESS OTHERWISE SPECIFIED:

1. INTERPRET DRAWING PER ASME Y14.100. DRAWING IS FOR INSPECTION PURPOSES ONLY. ACTUAL PART GEOMETRY IS CONTROLLED BY 3D CAD DATABASE.

2. MATERIAL: HOT-DIPPED-GALV-STEEL-SGCC
THICKNESS: 1.20±0.08mm
HARDNESS: 50-60 ROCKWELL B
SPECIFICATION: JIS G3302
PLATING/COATING: ZCS(A)X, ZINC COATING MASS: Z08, MINIMIZED SPANGLE, SKIN PASSED, CHROMATE (ANTI-FINGER PRINT) TREATED, UNOILED
MATERIAL SHALL CONTAIN 0.02% MIN TO 0.15% MAX CARBON.

3. PART WEIGHT: (5821.283 GRAMS), (205.375 OZ)

4. PART SHALL BE CLEAN AND FREE OF CONTAMINANTS, METAL FLAKES, AND OIL.

5. AS DIMENSIONED OR Ø3.60. STANDARD TOLERANCE APPLIES.

6. ACCESSIBLE SHARP EDGES NOT PERMITTED. BURR SHALL BE TOWARDS SURFACE INDICATED. MAX BURR SIZE TO BE 10% OF MATERIAL THICKNESS AND IN COMPLIANCE WITH UL1439 STANDARD ON ALL ACCESSIBLE EDGES.

7. REFERENCE THE LATEST REVISION OF THE FOLLOWING DOCUMENTS FOR INSPECTION AND ACCEPTANCE CRITERIA:
A. MICROSOFT METAL QUALIFICATION PROCESS (D00435)
B. MICROSOFT SHEET METAL PART WORKMANSHIP STANDARDS (D00034)
C. MICROSOFT RESTRICTED SUBSTANCES FOR HARDWARE PRODUCTS (H00594)
D. MICROSOFT RESTRICTED SUBSTANCES CONTROL SYSTEM (H00642)
E. MICROSOFT PAINTED PRODUCT WORKMANSHIP AND TEST SPECIFICATION (H00388)
F. MICROSOFT SYSTEM EMC DESIGN RULES AND GUIDELINES (D00755)
G. MICROSOFT METAL STAMPING DIE MINIMUM TOOL GUIDELINES (D02520)
H. MICROSOFT METAL STAMPING DIE MAINTENANCE GUIDELINE (D02522)

8. THE FOLLOWING INFORMATION SHALL BE MARKED IN A PERMANENT AND LEGIBLE MANNER, LOCATED WHERE INDICATED. CHARACTERS SHALL BE A MINIMUM OF 3.0mm TALL.
A. MICROSOFT PART NUMBER
B. CURRENT REVISION
C. MANUFACTURING DATE CODE (DD MMM YYYY)
D. SUPPLIER ID (SUPPLIER ID LOCATION)

9. VENDOR SHALL SUPPLY A CERTIFICATE OF REGULATORY COMPLIANCE WITH EACH SHIPMENT THAT INCLUDES THE FOLLOWING INFORMATION:
A. NAME OF THE SUPPLIER
B. PRODUCTION DATE
C. MATERIAL MANUFACTURER'S NAME OR TRADE NAME AND MATERIAL DESIGNATION
D. NAME OF THE COMPANY BUYING THE PRODUCT
E. PART NUMBER AND REVISION
F. PURCHASE ORDER NUMBER
G. SHIPMENT DATE
H. QUANTITY OF PARTS SHIPPED
I. MANUFACTURER REPRESENTATIVE'S NAME, SIGNATURE OR FUNCTION TO ATTEST TO THE ACCURACY OF THE INFORMATION.

10. PART TOOLING IS THE PROPERTY OF MICROSOFT AND SHALL BE PERMANENTLY MARKED WITH "PROPERTY OF MICROSOFT", THE PART NUMBER, AND THE TOOL ASSET NUMBER.

11. FAI IQC/OQC FIXTURES REQUIRED AND MUST BE APPROVED BY MICROSOFT ENGINEERING. FREE STATE INSPECTION CONDITIONS REQUIRED FOR FAI. ON-GOING PROCESS CONTROL INSPECTIONS SHALL BE DONE IN FREE STATE.

12. PARTS SHALL BE PACKAGED FOR SUPPLIER INTERNAL DISTRIBUTION.

13. COIN EDGES WHERE INDICATED TO REMOVE SHARP EDGES. BREAKS IN COINING FOR CARRYING WEBS REQUIRE APPROVAL OF MICROSOFT ENGINEERING.

14. BEND RADII AND RELIEFS SHALL COMPLY TO ELECTRONIC DATABASE.

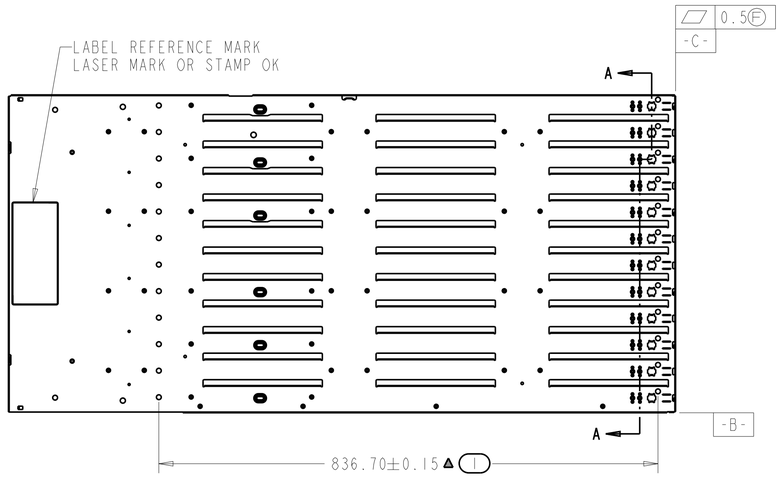
15. CARRY POINTS SHALL BE RECESSED BY 0.25mm MAX. TOOLING HOLES OR OTHER DEVIATIONS REQUIRE APPROVAL BY MICROSOFT ENGINEERING.

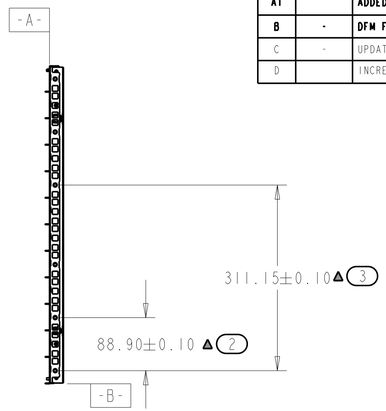
16. TOLERANCE KEY FOR NON-DIMENSIONED ITEMS:
HOLE DIAMETER IN PUNCH DIRECTION: ±0.08
CHAMFERED HOLE DIAMETER FROM BURR SIDE: ±0.15
HOLE TO HOLE: ±0.13
HOLE TO EDGE: ±0.13
EDGE TO EDGE: ±0.13
HOLE TO BEND: ±0.13
EDGE TO BEND: ±0.21
BEND TO BEND: ±0.26
EMBOSS DEPTH: ±0.26
ANGLE: ±0.3°

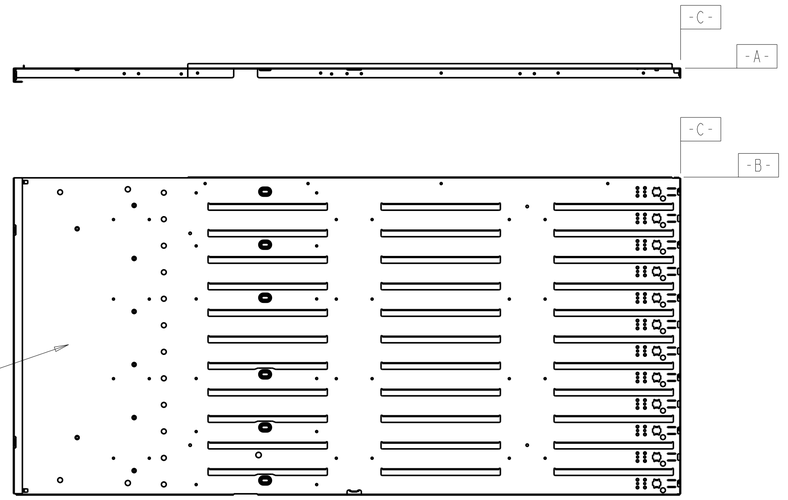
17. VENDOR MODIFICATIONS OF HOLE FEATURE SIZING AND TOLERANCES FOR PRESS-IN HARDWARE IS ALLOWED FOR VENDOR-SPECIFIC HARDWARE PER MICROSOFT APPROVAL.

18. DIMENSIONS AND TOLERANCES NOT MARKED CRITICAL, TOOLING OR PROCESS SHALL BE CONSIDERED REFERENCE DIMENSIONS. ONLY CRITICAL, TOOLING AND PROCESS DIMENSIONS ARE REQUIRED TO BE COMPLIANT FOR FAI. ADDITIONAL MEAUREMENTS REQUIRED AT ENGINEERING REQUEST.

REV	ECO NO	DESCRIPTION	DRAWN	APVD DATE
A	-	INITIAL RELEASE.	PENSAR	7/5/13
A1		ADDED LABEL MARK ZONE D6	BROILI	1/22/14
B	-	DFM FEEDBACK CHANGES	L CANNON	2/21/14
C	-	UPDATED NOTE 1, ADDED NOTE 18	N. TOLCHIN	5/14/14
D		INCREASED TOLERANCES ON SEVERAL DIMS	B BROILI	7/22/14







SECTION A-A
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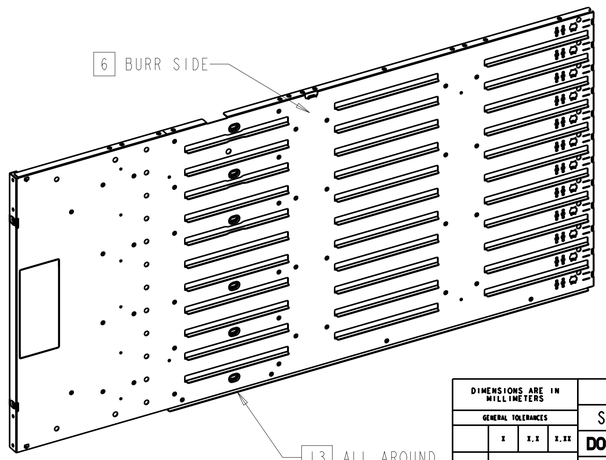


DIMENSIONS ARE IN MILLIMETERS			
GENERAL TOLERANCES			
	X	X.X	X.XX
STD.DIM	SEE NOTES		
ANGLE			
RADIUS			

-	-
SEE NOTES	SEE NOTES
DOCUMENT NO	GENERAL DESCRIPTION
APPLICABLE SPECIFICATION TABLE	

DRAWN	PENSAR	DATE 7/5/13
CHECKED	-	DATE -
ENGINEER	BRUBEN	DATE 7/5/13
ENGINEER	-	DATE -
COG ENGR	-	DATE -
MFG ENGR	-	DATE -
TOOLING	-	DATE -
QUALITY	-	DATE -
RELEASED	-	DATE -

Microsoft®

MS PART NO: X881045-001
MS PDM VER: D.1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: MILLIMETERS
TOLERANCES ARE:
SEE TOLERANCE BLOCK
DO NOT SCALE DRAWING

TITLE:
BRACKET, SIDE WALL RIGHT

LEGEND:
★ = TOLERANCE CHAIN DIM
■ = CRITICAL DIM
● = TOOLING DIM
▲ = PROCESS DIM
(ID) = DIMENSION ID

SIZE: D

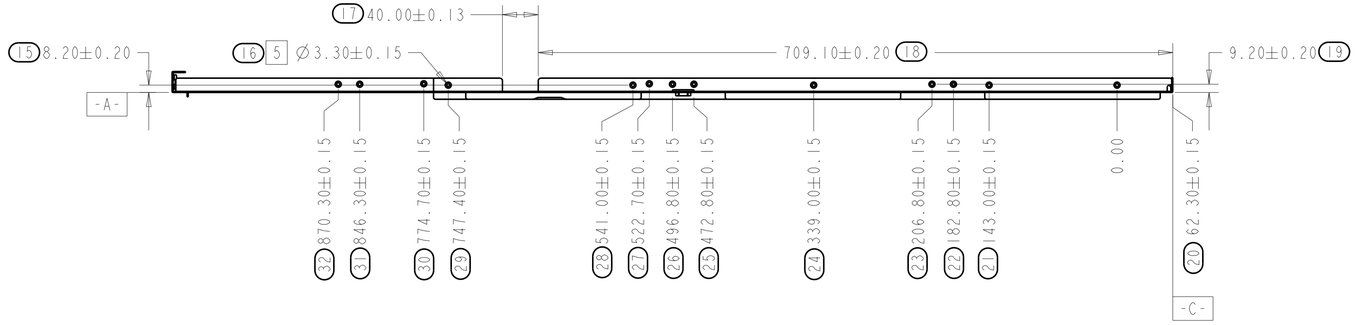
THIRD ANGLE PROJECTION

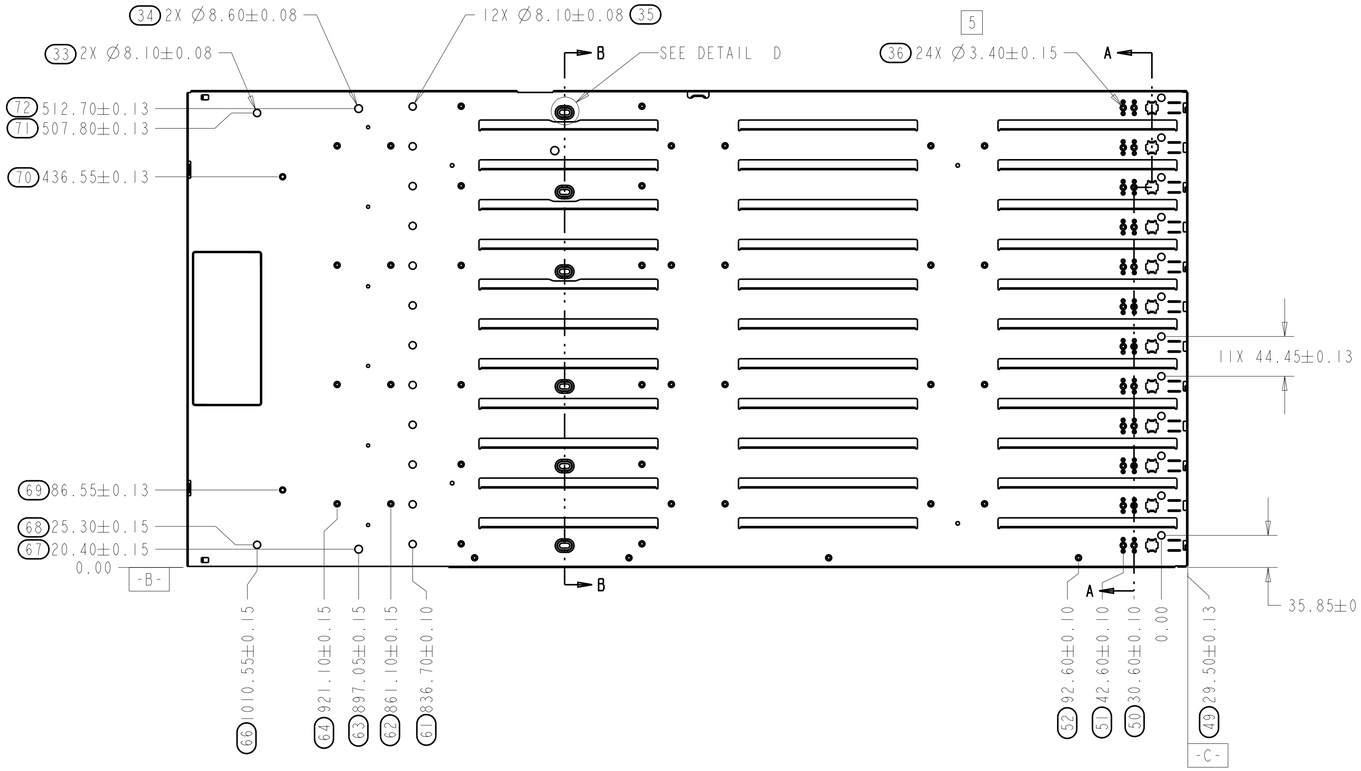
DRAWING NO: X881045 REV: D

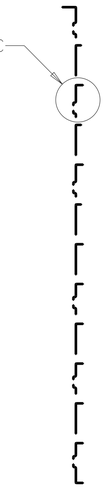
SCALE: 0.200 SHEET: 1 OF 5

REVISIONS	ECO NO.	DESCRIPTION	DRAWN	APPROVED

SEE SHEET 1 FOR REVISIONS







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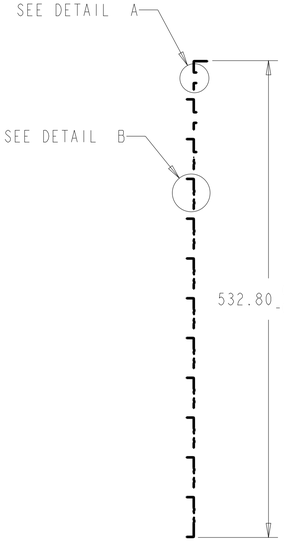
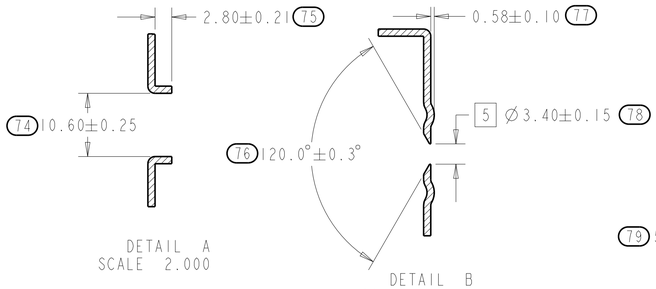


SECTION A-A



DETAIL A
SCALE 2.000

DETAIL B
SCALE 2.000

DETAIL C
SCALE 2.000

DETAIL D
SCALE 4.000

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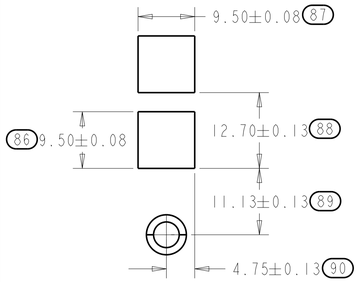
MS PART NO: X881045-001
MS PDM VER: D.1

TITLE:
BRACKET, SIDE WALL RIGHT

SIZE:	THIRD ANGLE PROJECTION	DRAWING NO:	REV:
D		X881045	D
		SCALE: 0.300	SHEET: 2 OF 5

REVISIONS	ECO NO.	DESCRIPTION	DRAWN	APPROVED

SEE SHEET 1 FOR REVISIONS



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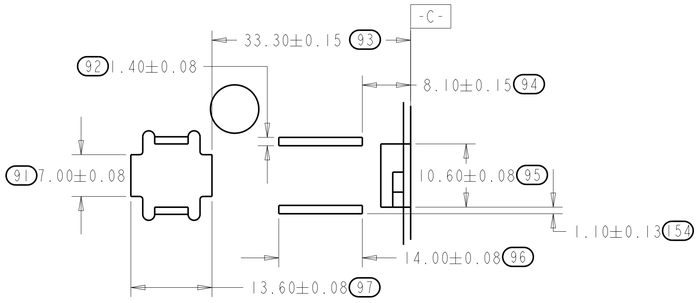
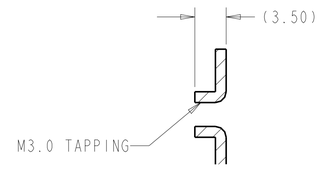
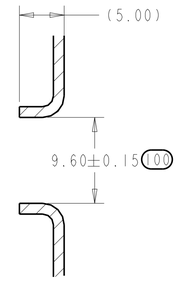


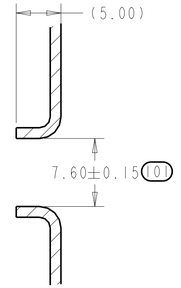
DETAIL F
SCALE 2.000



DETAIL H
SCALE 3.000



DETAIL I
SCALE 3.000



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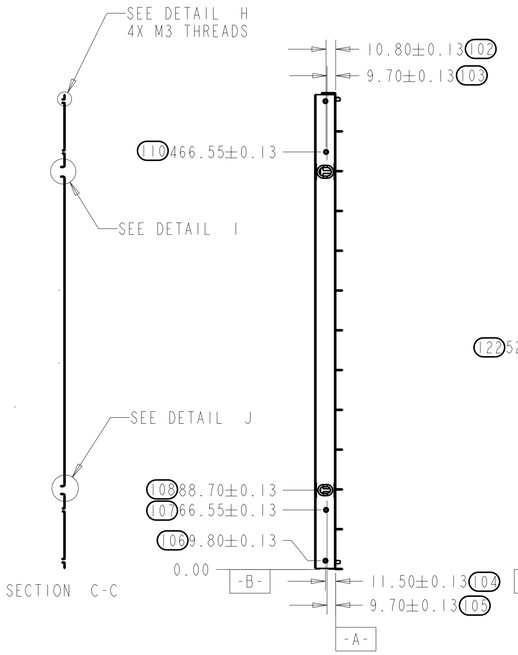
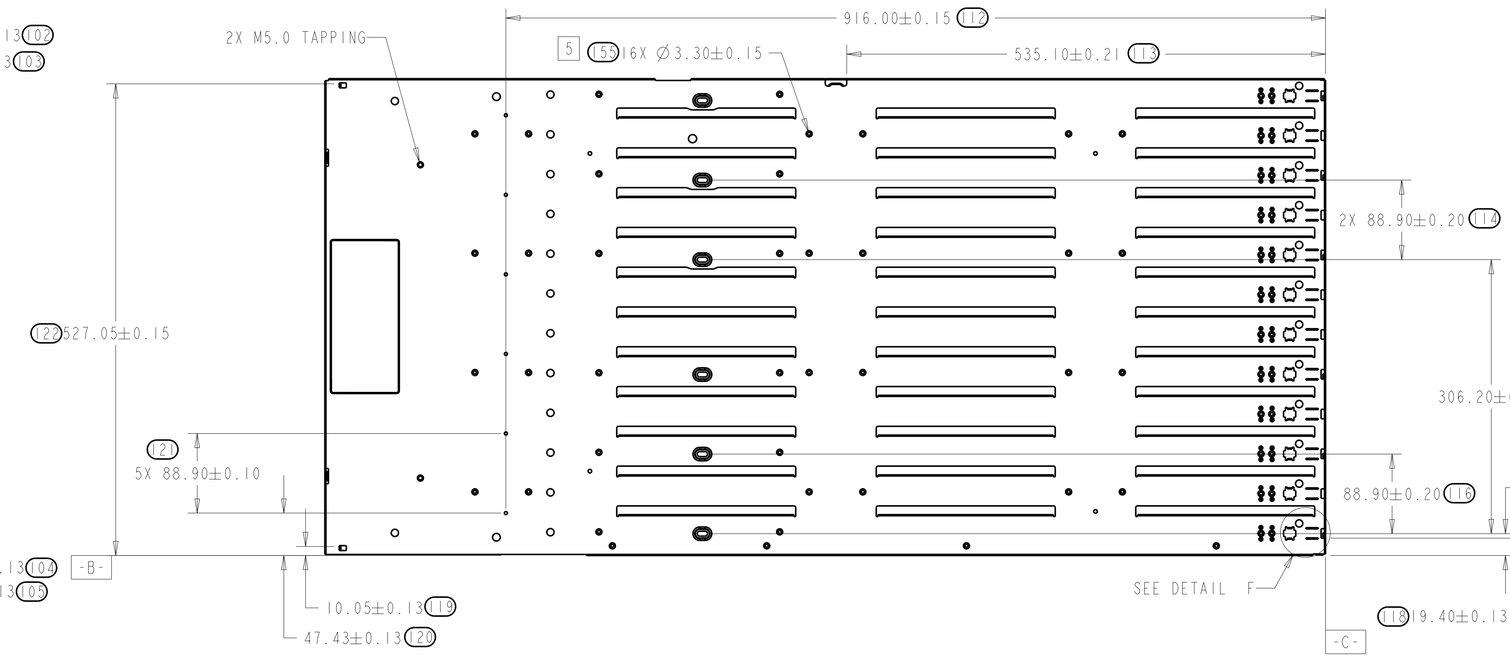
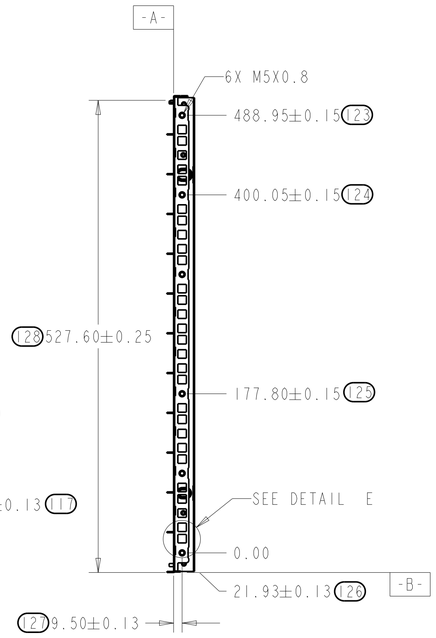
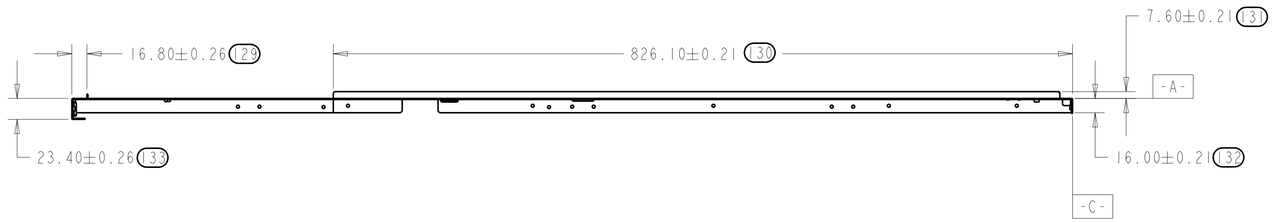


SECTION C-C







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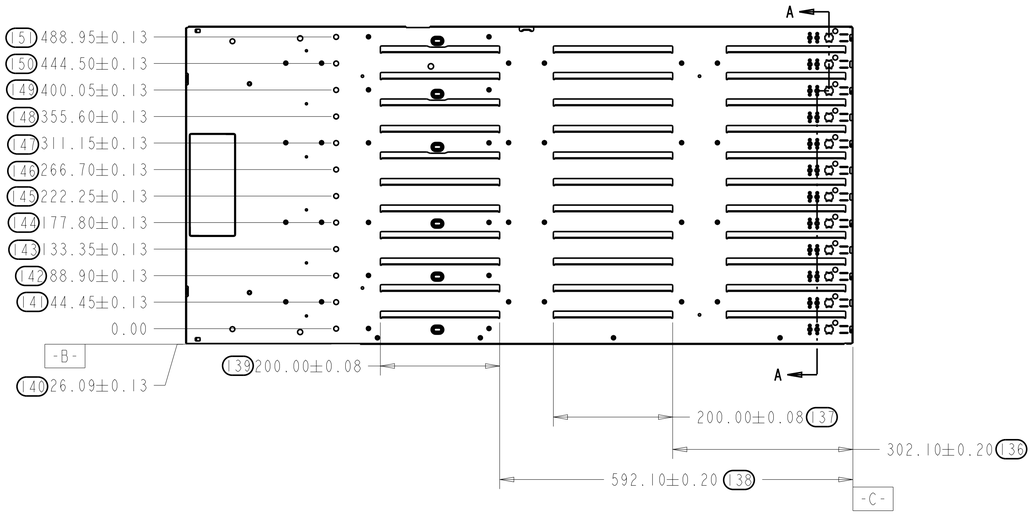
MS PART NO: X881045-001
MS PDM VER: D.1

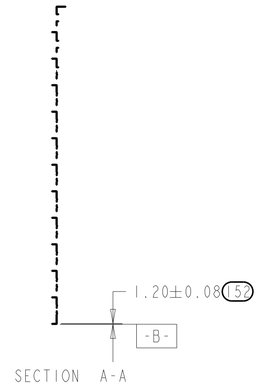
TITLE:
BRACKET, SIDE WALL RIGHT

SIZE:	THIRD ANGLE PROJECTION	DRAWING NO:	REV:
D		X881045	D
		SCALE: 0.300	SHEET: 3 OF 5

REVISIONS	ECO NO.	DESCRIPTION	DRAWN	APPROVED

SEE SHEET 1 FOR REVISIONS





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MS PART NO: X881045-001
MS PDM VER: D.1

TITLE:
BRACKET, SIDE WALL RIGHT

SIZE:	THIRD ANGLE PROJECTION	DRAWING NO:	REV:
D		X881045	D
		SCALE: 0.200	SHEET: 4 OF 5

DIM ID	SHEET	ZONE	DIM TYPE
1	1	C4	△
2	1	C3	△
3	1	D2	△
4	1	A3	△
5	1	B3	△
6	1	B3	△
7	1	B3	△
8	1	B3	△
9	1	B3	△
10	1	B3	△
11	1	B3	△
12	1	C3	△
13	1	C3	△
14	1	C3	△ ○
15	2	D7	
16	2	D6	
17	2	D6	
18	2	D4	
19	2	D3	
20	2	D3	
21	2	D4	
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37	2	C3	
38	2	C3	
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41	2	C3	
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48	2	B3	
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53	2	B4	
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DIM ID	SHEET	ZONE	DIM TYPE
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101	3	D1	
102	3	C7	
103	3	C7	
104	3	B7	
105	3	B7	
106	3	B8	
107	3	B8	
108	3	B8	
109	3	C8	
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DIM ID	SHEET	ZONE	DIM TYPE
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112	3	C4	
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114	3	C2	
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149	4	C6	
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152	4	B2	
153	4	B3	
154	3	D5	
155	3	C5	
156			
157			
158			
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163			
164			
165			

REVISIONS	ECO NO.	DESCRIPTION	DRAWN	APPROVED

SEE SHEET 1 FOR REVISIONS

Microsoft®

MS PART NO: X881045-001
MS PDM VER: D.1

TITLE:
BRACKET, SIDE WALL RIGHT

SIZE:	THIRD ANGLE PROJECTION	DRAWING NO:	REV:
D		X881045	D
		SCALE: 0.200	SHEET: 5 OF 5