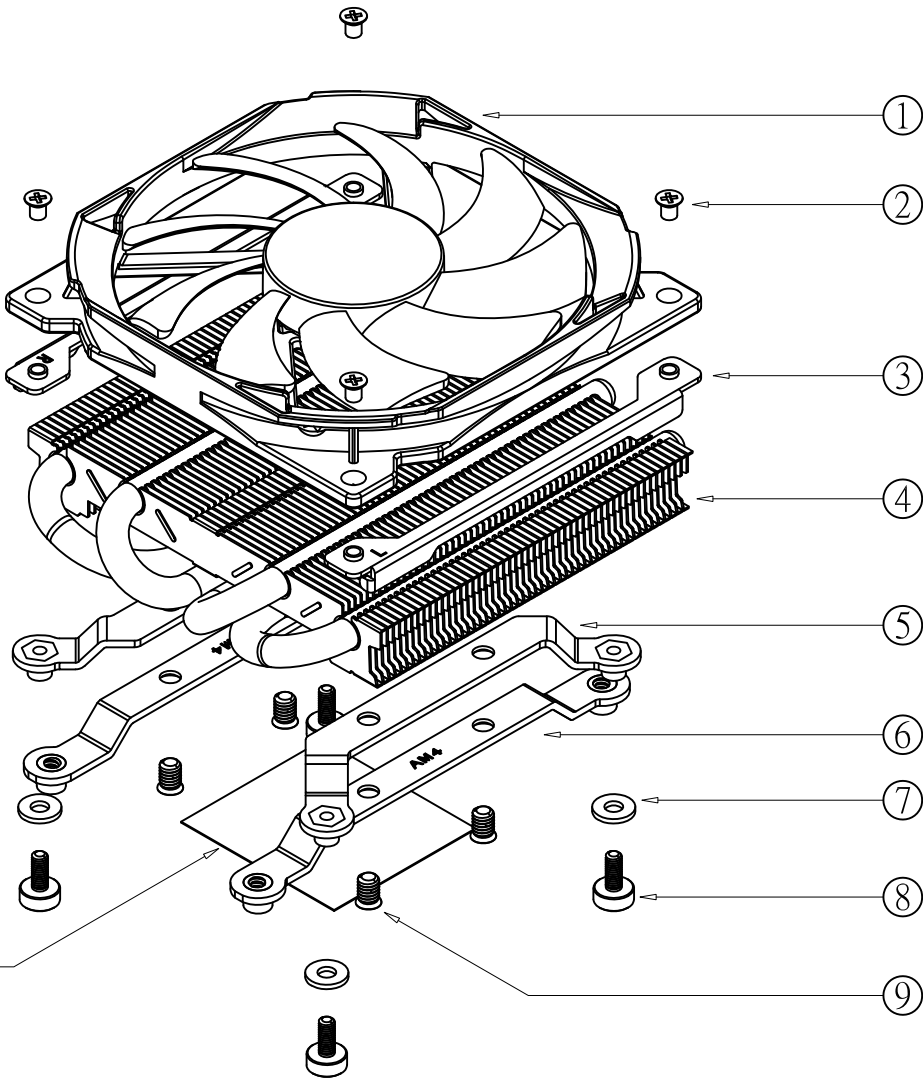


CONFIDENTIAL DOCUMENT

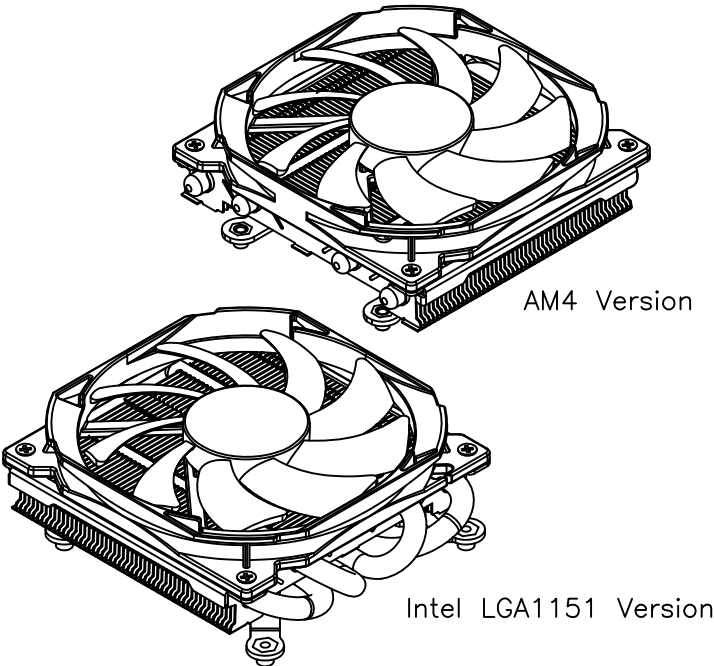
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ASSEMBLY PARTS

REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/19
1.0	UPDATE FAN SPEC	LANG	12/15/20



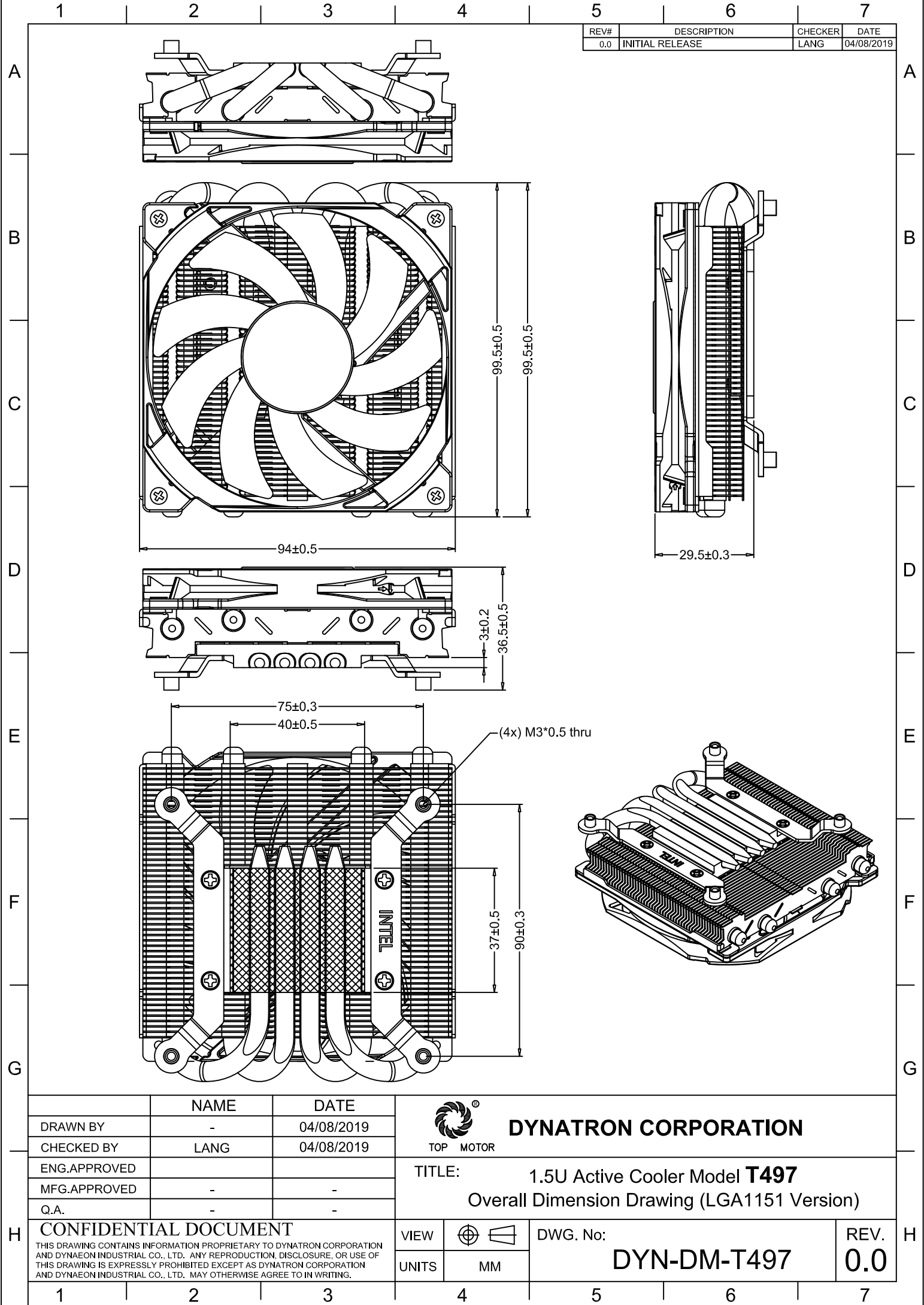
WHOLE SET OF COOLER

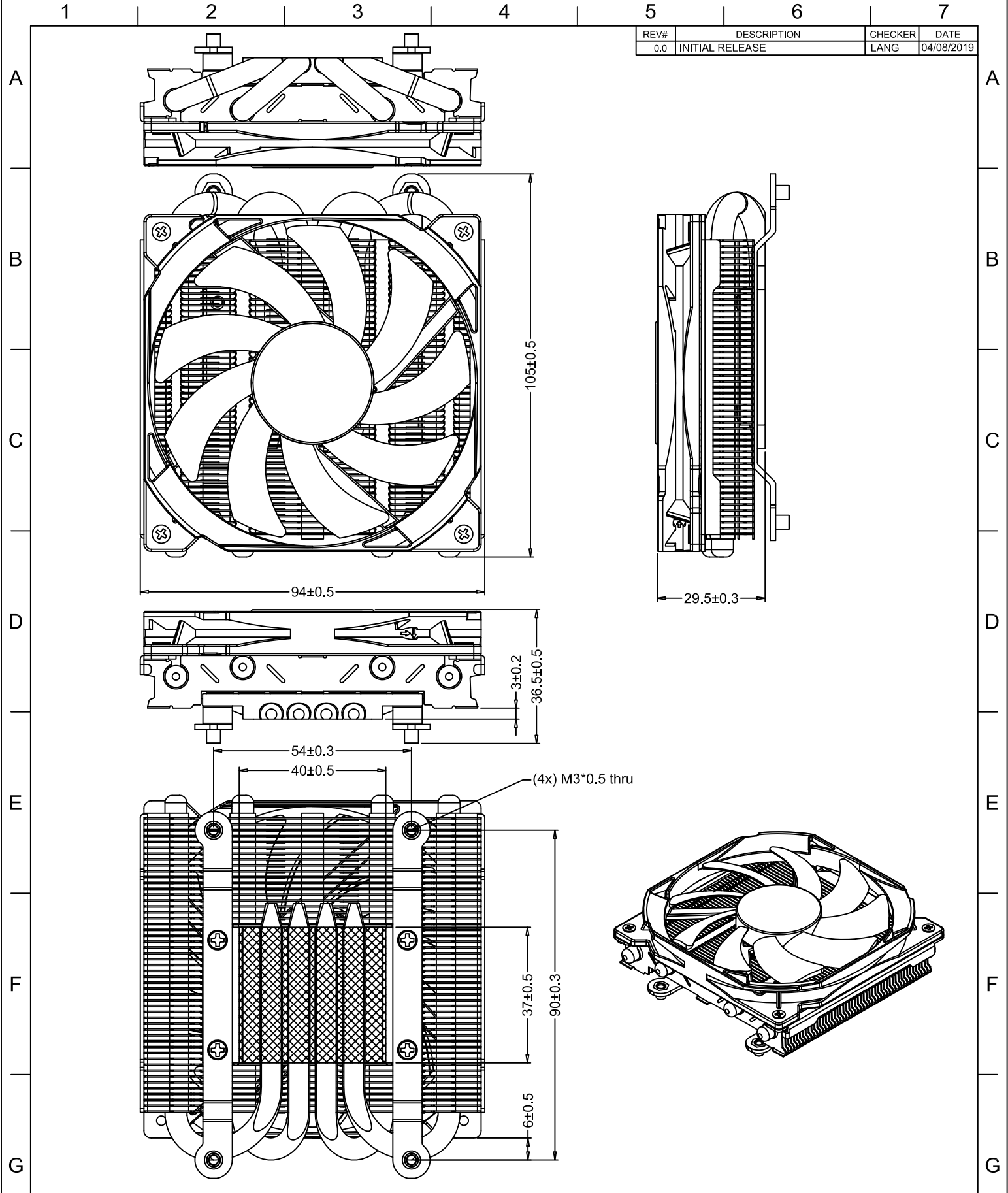


10	Thermal Grease, Pre-Printed	Shin-Etsu 7762	1	
9	Screw, Retention Mounting	Steel	4	
8	Screw, Cooler Mounting, M3*0.5	Steel	4	
7	Insulator (w/ one-side Adhesive)	PC	4	
6	Retention (for AMD AM4)	SK7	2	
5	Retention (for Intel LGA1151)	SK7	2	
4	Heatsink	Aluminum Fin (4x) Heatpipe Aluminum Base	1	
3	Fan Bracket	SPCC	2	
2	Screw, Fan Mounting	Steel	4	
1	Fan, DF129212BM-PWMG, 3600RPM	Plastic	1	
ITEM#	DESCRIPTION		MATERIAL	QTY.
	DATE	NAME	 DYNATRON CORPORATION TITLE: 1.5U Active Cooler Model T497 BOM & Exploded Assembly Drawing	
DRAWN	12/15/20	ENGR		
CHECKED	12/15/20	LANG		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 1.0
		DYN-EP-T497		

Notes:

1. The Figure is For Reference Only, and Not For Scale
2. Overall Dimension: 99.5 x 94.0 x 36.5 mm
3. Overall Weight : 550 g





REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/2019

	NAME	DATE
DRAWN BY	-	04/08/2019
CHECKED BY	LANG	04/08/2019
ENG.APPROVED		
MFG.APPROVED	-	-
Q.A.	-	-



TOP MOTOR

DYNATRON CORPORATION

TITLE: 1.5U Active Cooler Model **T497**
Overall Dimension Drawing (AM4 Version)

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VIEW	
UNITS	MM

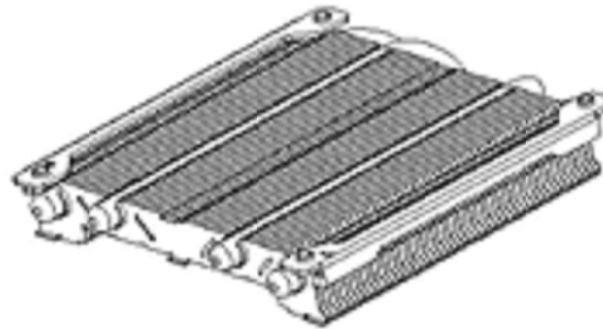
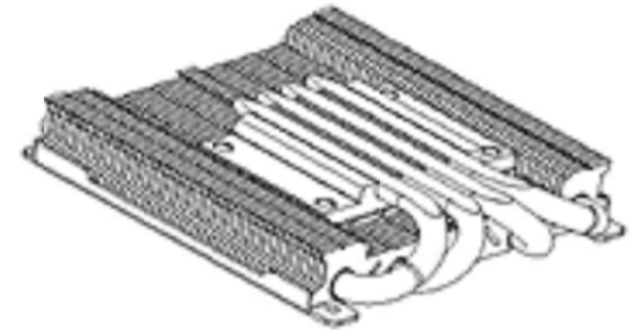
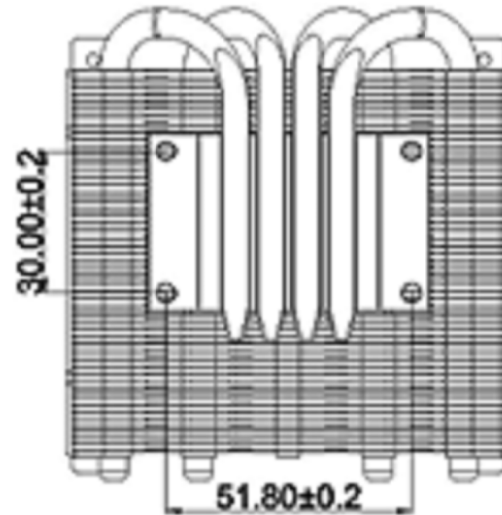
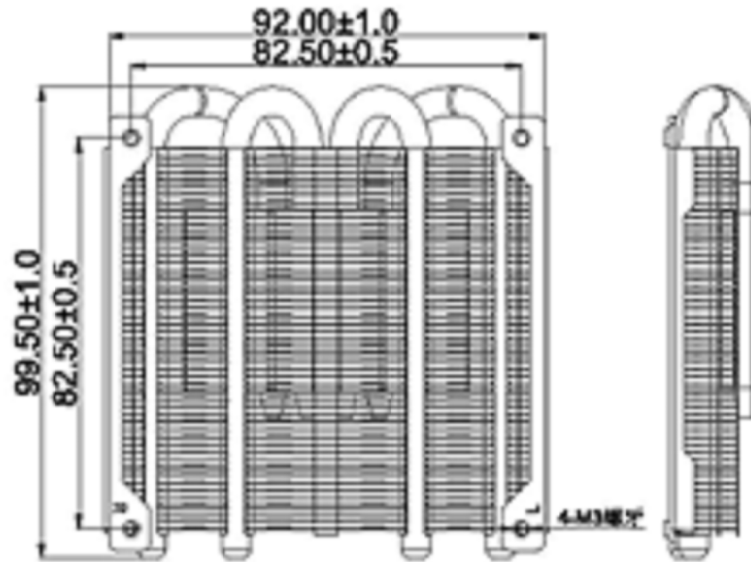
DWG. No: **DYN-DM-T497**

REV. **0.0**

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/19



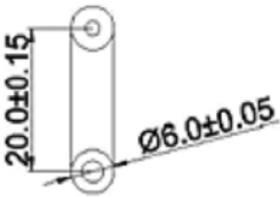
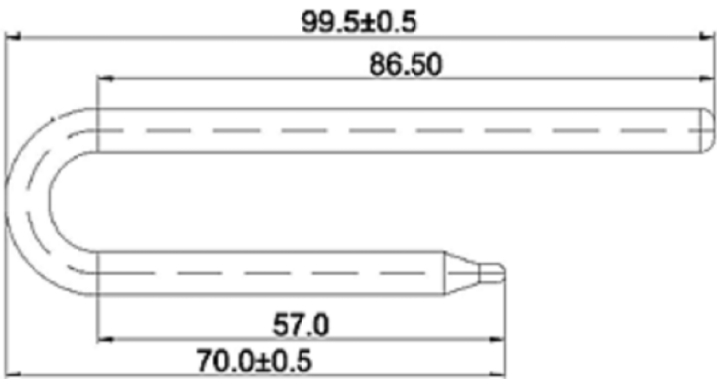
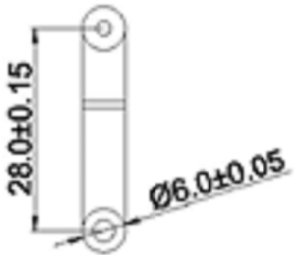
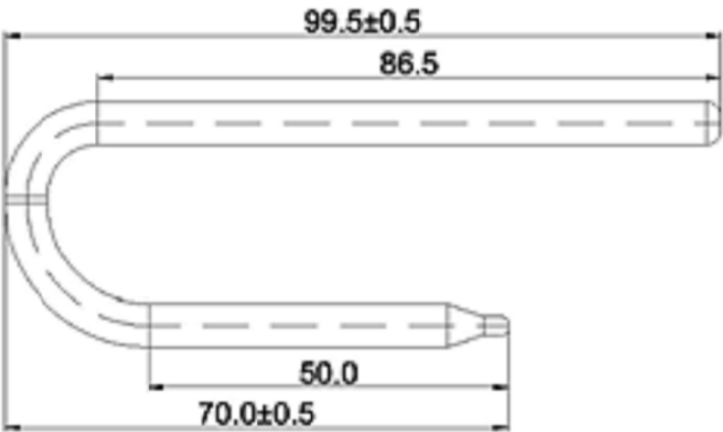
Part List			
Object	Quantity	Name of Item	Part No
1	1	Fan Bracket (Left)	FB30-L
2	1	Fan Bracket (Right)	FB30-R
3	1	AL Base	AL40
4	2	Heat Pipe	HP30-1
5	2	Heat Pipe	HP30-2
6	1	Fins	F30

	DATE	NAME	DYNATRON CORPORATION TOP MOTOR TITLE: Heatsink, T497 DWG. No:	REV 0.0
DRAWN	04/08/19	e.B		
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
COMMENTS:				

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04 /08 /19

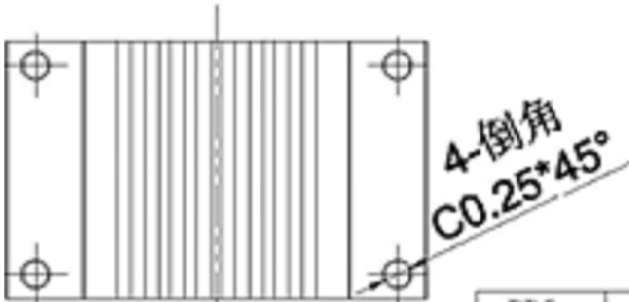
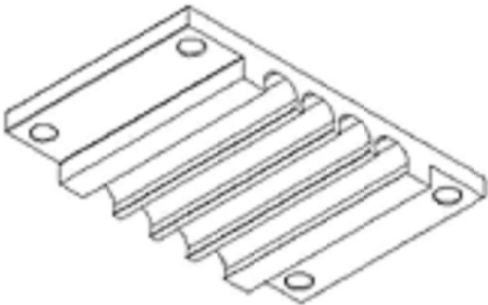
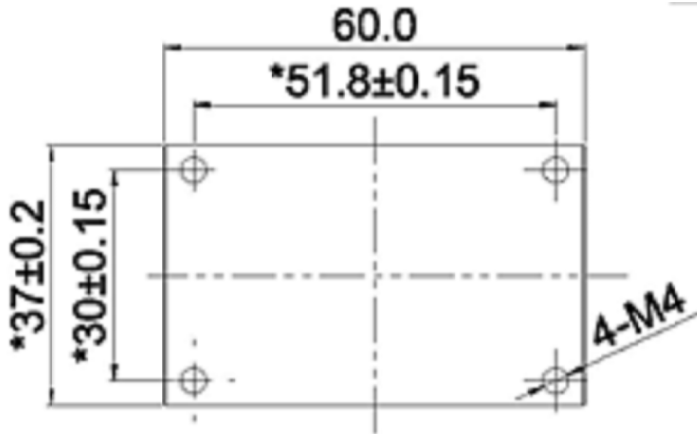


	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	04/08/19	e.B	TITLE: Heat Pipe, T497	
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 0.0

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/19



TITLE	ALL DATA	MANUFACTURE	DATE	1900
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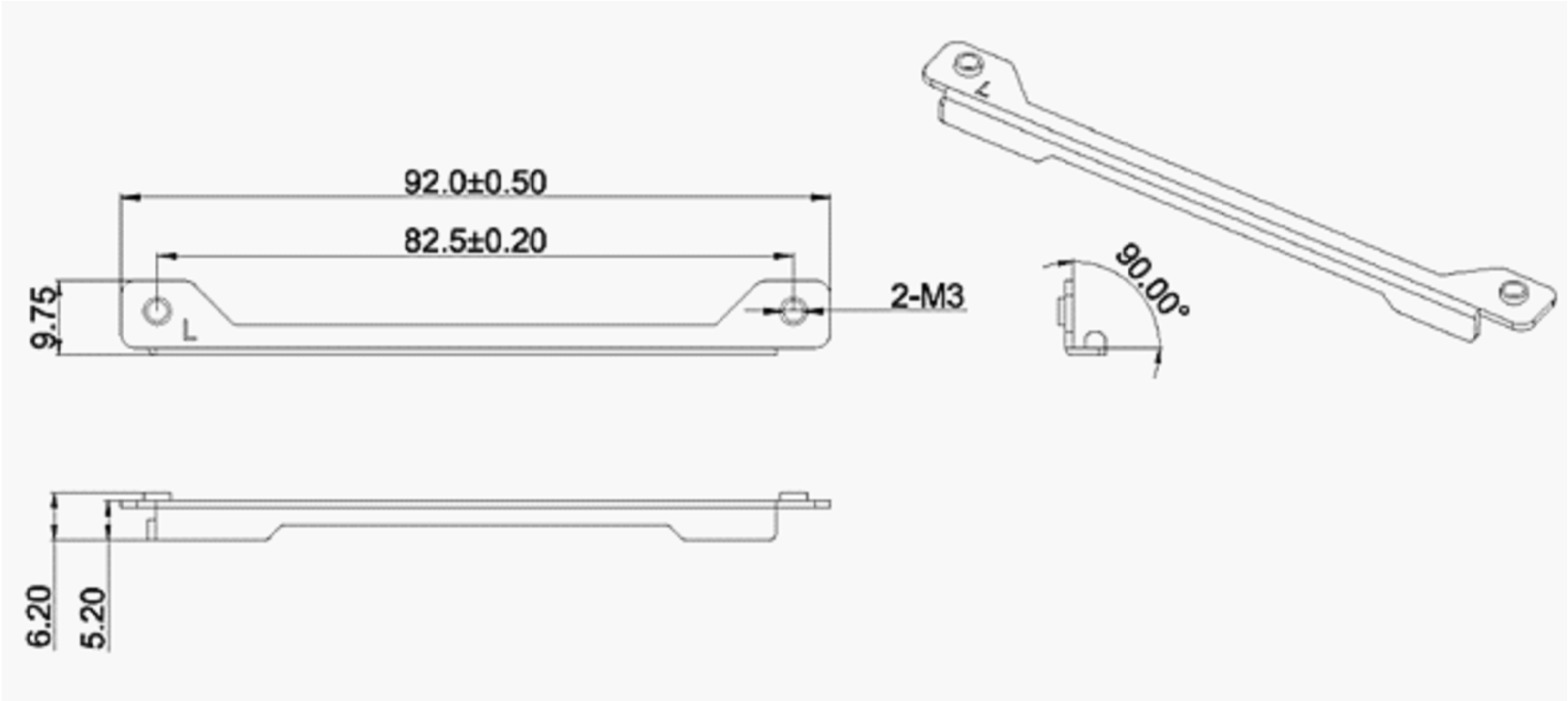
	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	04/08/19	e.B	TITLE: Base, Heatsink, T497	
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 0.0

1 2 3 4 5 6 7 8

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04 /08 /19



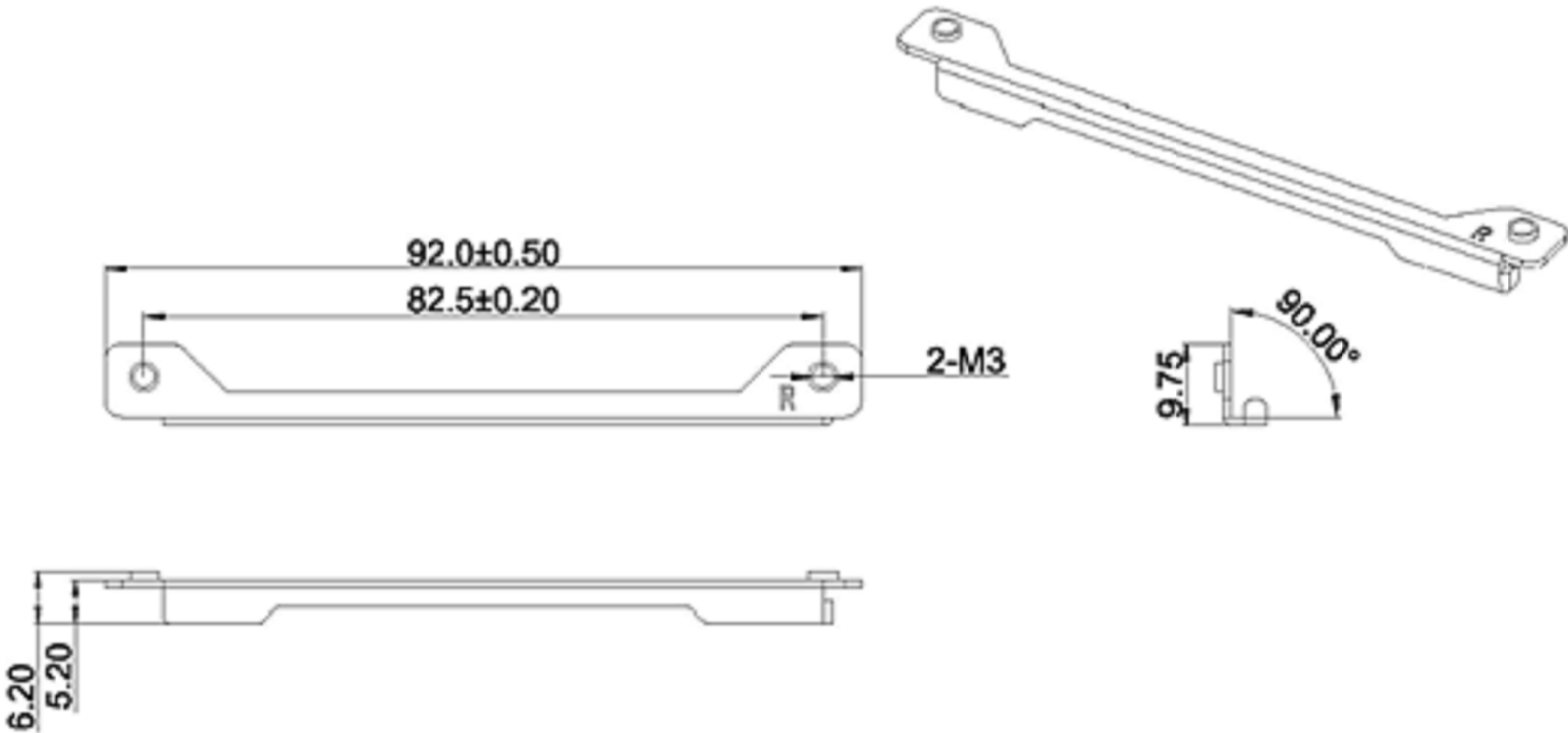
	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	04/08/19	e.B	TITLE: Fan Bracket, Left-Side T497	
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 0.0

1 2 3 4 5 6 7 8

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04 /08 /19



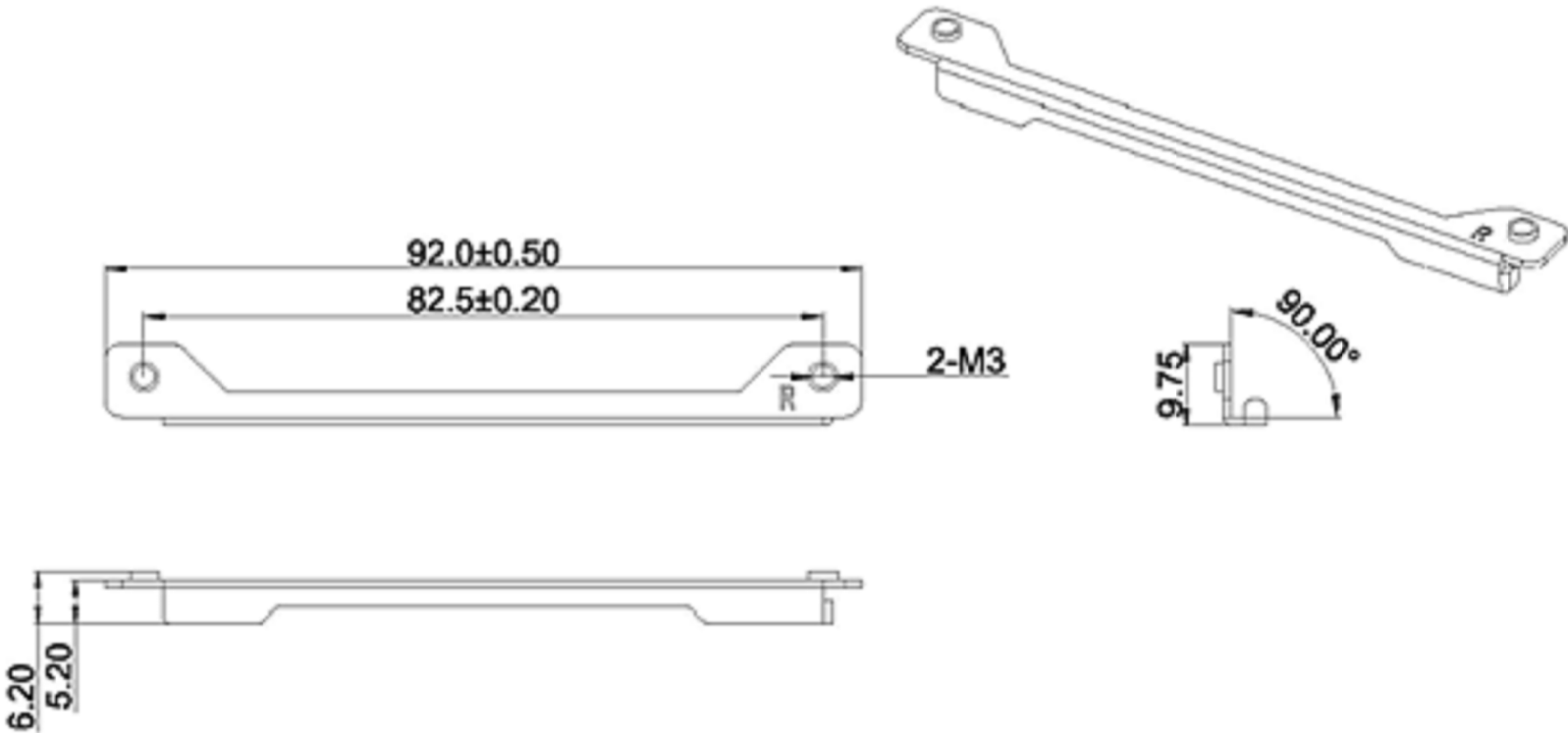
	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	04/08/19	e.B	TITLE: Fan Bracket, Right-Side T497	
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 0.0

1 2 3 4 5 6 7 8

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04 /08 /19

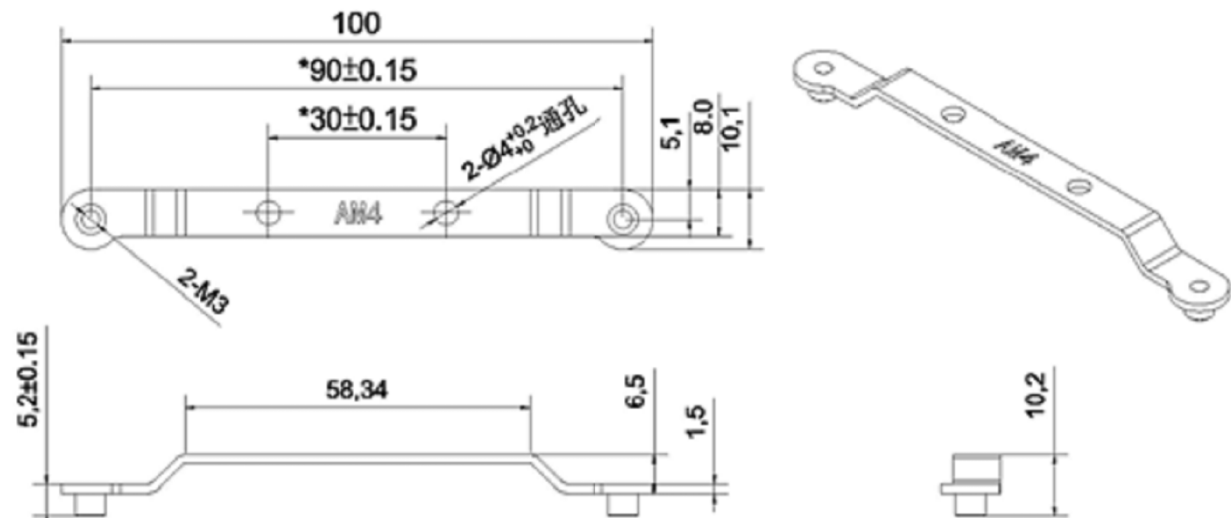
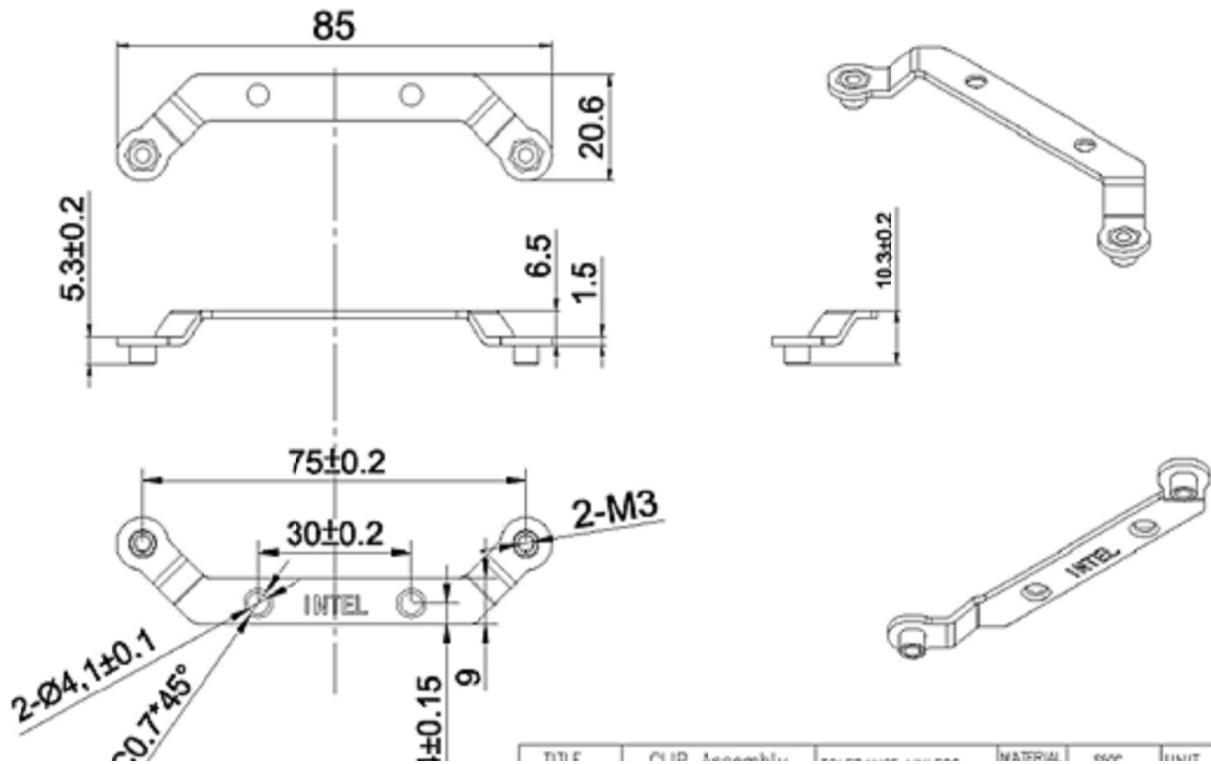


	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	04/08/19	e.B	TITLE: Fan Bracket, T497	
CHECKED	04/08/19	Lang		
ENG. APPR.				
MFG. APPR.				
Q.A.				
COMMENTS:			DWG. No:	REV 0.0

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/19



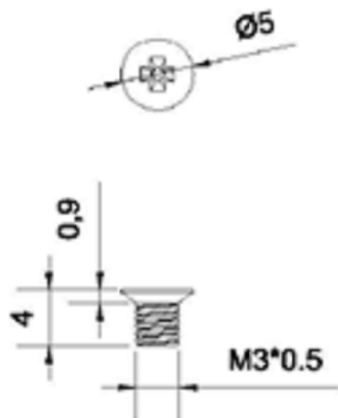
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DRAWN	04/08/19	e.B	TITLE:
CHECKED	04/08/19	Lang	Retentions, T497
ENG. APPR.			
MFG. APPR.			
Q.A.			
COMMENTS:			DWG. No:
			REV
			0.0

CONFIDENTIAL DOCUMENT

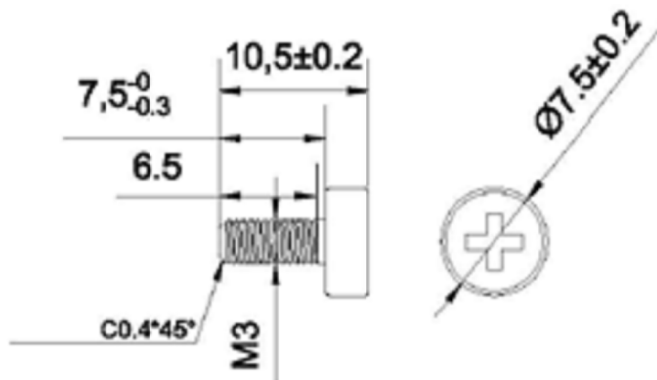
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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	04/08/19

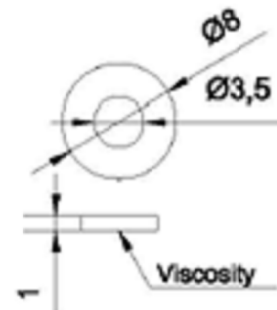
Screw :KM3x4
Material: SAE1018;
SURFACE:Nickel plated



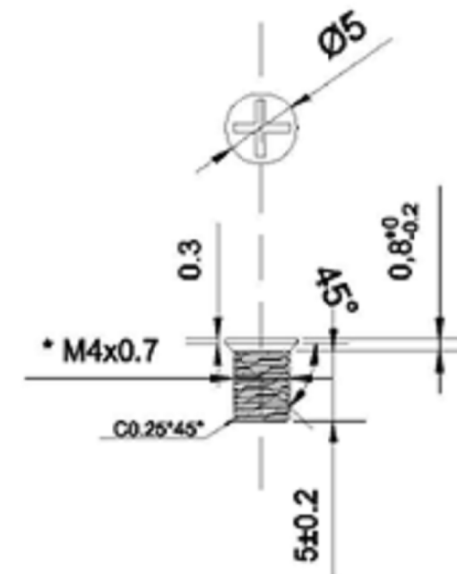
Screw M3x10.5xØ7.5
Material: SAE1018;
SURFACE:Nickel plated



TITLE: Gasket



Screw :KM4x6
Material: SAE1018;
SURFACE:Nickel plated



	DATE	NAME	 DYNATRON CORPORATION
DRAWN	04/08/19	e.B	TOP MOTOR
CHECKED	04/08/19	Lang	TITLE:
ENG. APPR.			Screws, T497
MFG. APPR.			
Q.A.			
COMMENTS:			DWG. No:
			REV
			0.0

Thermal Performance

Fan Speed(RPM)	Maximum Fan Flow Rate(CFM)	Working Point Fan Flow Rate(CFM)	Thermal Resistance
3285	33.12	13.56	0.336
3010	30.51	12.78	0.351
2700	27.38	10.75	0.368
2402	24.35	9.54	0.389
2105	21.22	7.98	0.42
1808	18.11	6.98	0.458

