

A37

1U Passive Air Cooler

PRODUCT SPECIFICATIONS

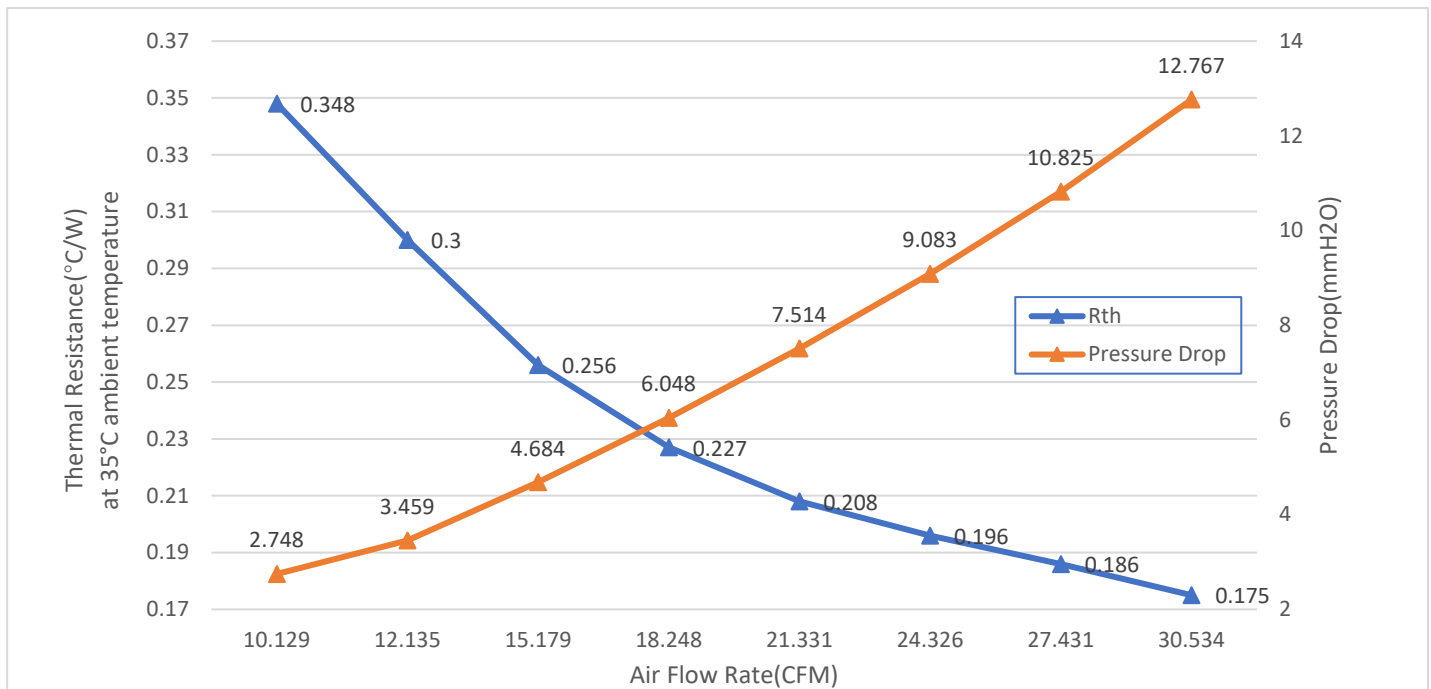
Model Number: A37

- Recommend for AMD® CPU as following AMD® Ryzen™ Processor, Socket AM4
- Passive Cooler for 1U Server

Overall Specification

Dimension	106.0 x 74.0 x 27.0 mm
Weight	586 ± 5g
Material	Copper Heat Sink with Skiving Fins
Back Plate	Not Included
Thermal Grease	Shin-Etsu 7762 or Equivalent
TDP	Support CPU Power 120 Watts Heat Dissipation at 30° ambient temperature

Performance Chart: Active Cooler A37 Thermal Resistance Cooling Performance vs. Airflow



1 2 3 4 5 6 7

A

B

C

D

E

F

G

H

REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	Engr	11/20/20
0.1	REWORK: 2.5mm Fin Pitch, 0.4mm Fin Thickness	Engr	11/24/20
0.2	REWORK: 2.5mm Fin Pitch, 0.4mm Fin Thickness	Engr	11/24/20
0.3	BACK PLATE REMOVED	HOCHMELZ	6/18/24

Fin Pitch: 1.7mm
Fin Thickness: 0.4mm

40±0.5
40±0.5
Thermal Grease

NAME	DATE
DRAWN BY: MICHAEL Z	6/18/24
CHECKED BY: MICHAEL Z	6/18/24
ENG. APPROVED	
MFG. APPROVED	-

CONFIDENTIAL DOCUMENT

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT AS DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. MAY OTHERWISE AGREE TO IN WRITING.

DYNATRON CORPORATION

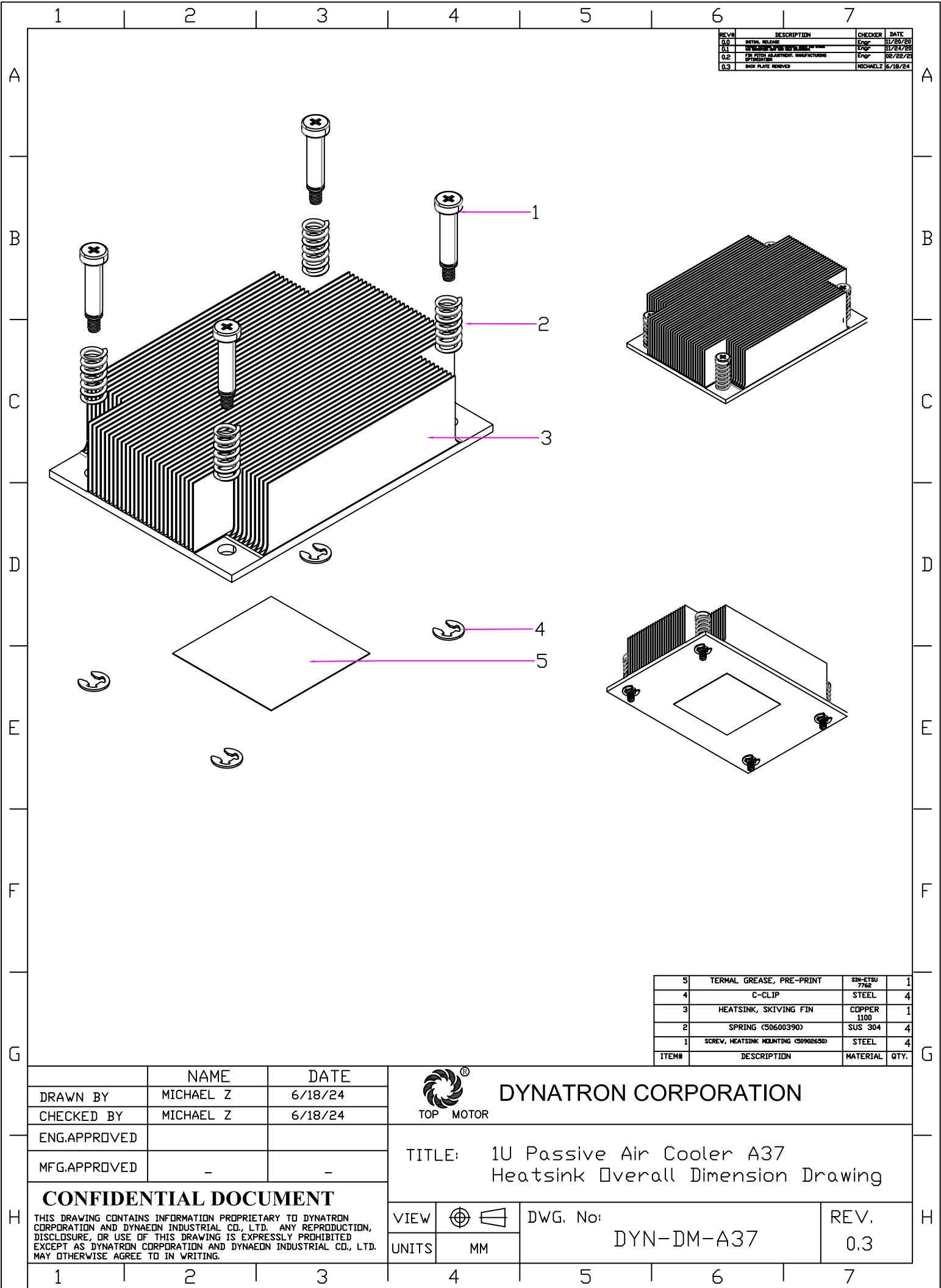
TOP MOTOR

TITLE: 1U Passive Air Cooler A37
Heatsink Overall Dimension Drawing

VIEW: DWG. No: DYN-DM-A37 REV. 0.3

UNITS: MM

1 2 3 4 5 6 7



REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	Eng	11/20/20
0.1	DESIGN CHANGE: REWORK FINISH	Eng	11/24/20
0.2	FOR FITCH ADJUSTMENT, MANUFACTURING SPECIFICATION	Eng	02/22/21
0.3	BACK PLATE REMOVED	MICHAEL Z	6/18/24

5	TERMAL GREASE, PRE-PRINT	SIN-ETSI 7762	1
4	C-CLIP	STEEL	4
3	HEATSINK, SKIVING FIN	COPPER 1100	1
2	SPRING (50600390)	SUS 304	4
1	SCREW, HEATSINK MOUNTING (50902650)	STEEL	4
ITEM#	DESCRIPTION	MATERIAL	QTY.

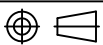
	NAME	DATE
DRAWN BY	MICHAEL Z	6/18/24
CHECKED BY	MICHAEL Z	6/18/24
ENG.APPROVED		
MFG.APPROVED	-	-

CONFIDENTIAL DOCUMENT
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO DYNATRON CORPORATION AND DYNAEDN INDUSTRIAL CO., LTD. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT AS DYNATRON CORPORATION AND DYNAEDN INDUSTRIAL CO., LTD. MAY OTHERWISE AGREE TO IN WRITING.



DYNATRON CORPORATION
TOP MOTOR

TITLE: 1U Passive Air Cooler A37
Heatsink Overall Dimension Drawing

VIEW		DWG. No:	REV.
UNITS	MM	DYN-DM-A37	0.3