

J20

1U Passive Air Cooler

PRODUCT SPECIFICATIONS

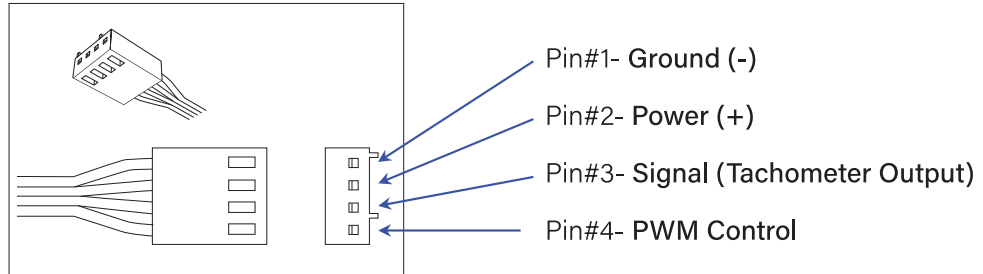
J2J20 | Socket SP7P7**Model Number: J20**

- Recommend FOR AMD® Socket SP7
- Passive Cooler for 1U Application

Overall Specification

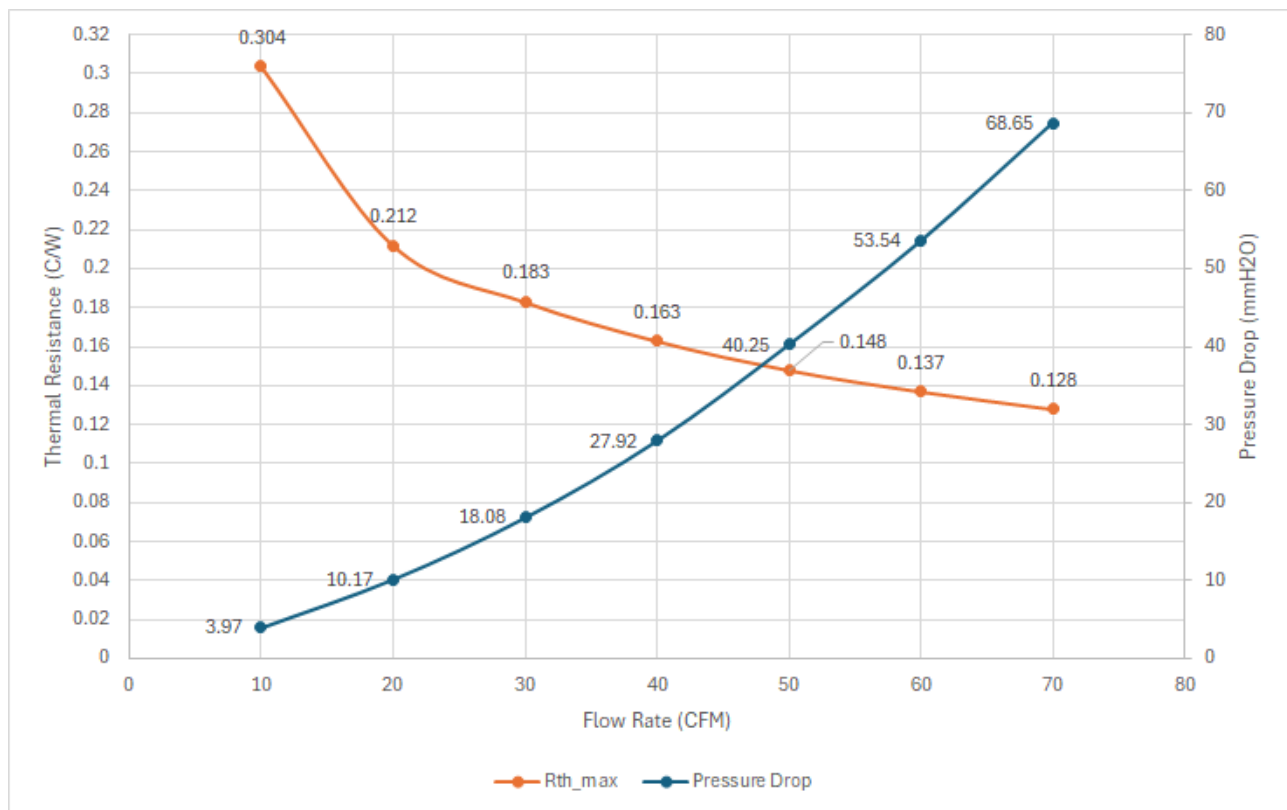
Dimension	120 x 103.6 x 27mm
Weight	746g
Material	Copper Base & Copper Fins with Vapor Chamber
Thermal Grease	SHIN-ETSU 8195 (or equivalent) Pre-Printed
TDP-AMD	Fully Support 350W at 30°C Ambient Temperature and 30 CFM

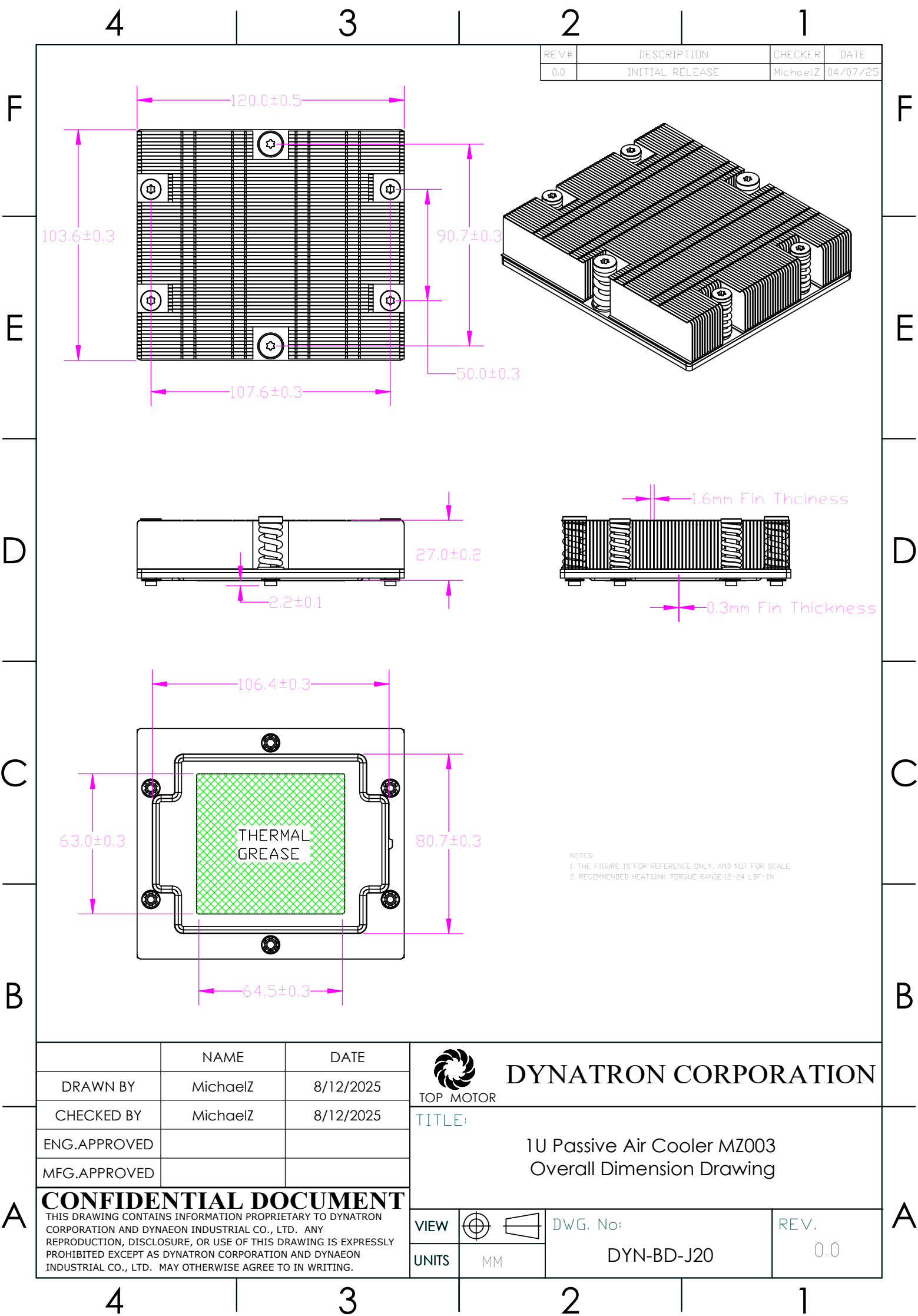
Lead Wire Pin Out Diagram :



Performance Chart: J20 Thermal Resistance

Thermal Resistance vs. Air Flow Rate





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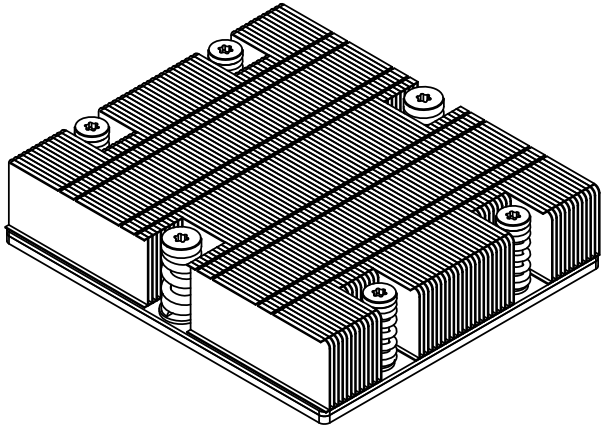
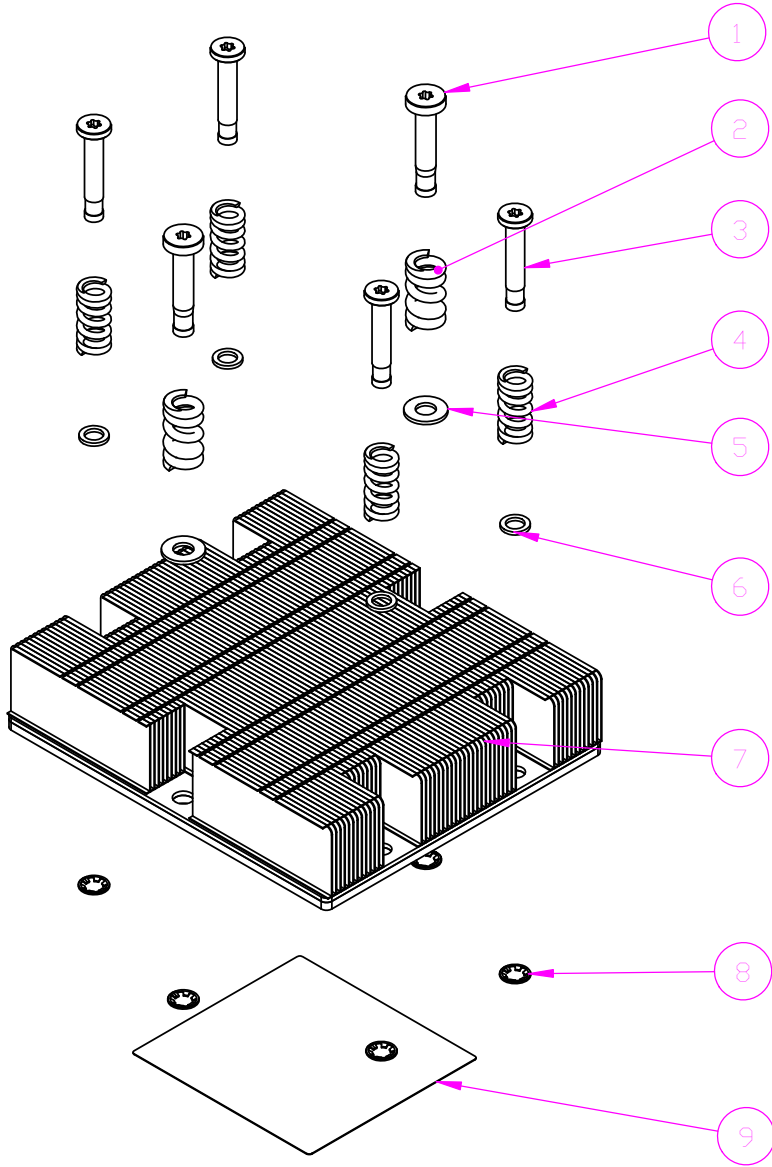
CONFIDENTIAL DOCUMENT

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	MichaelZ	04/07/25

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9	Thermal Grease	SHIN-ETSU 8195	1
8	C-Clip	STEEL	6
7	Heatsink	Copper Fins + VC	1
6	M3.5 Washer	STEEL	4
5	M4 Washer	STEEL	2
4	M3.5 Spring	STEEL	4
3	M3.5 Screw	STEEL	4
2	M4 Spring	STEEL	2
1	M4 Screw	STEEL	2
ITEM #	DESCRIPTION	MATERIAL	QTY.

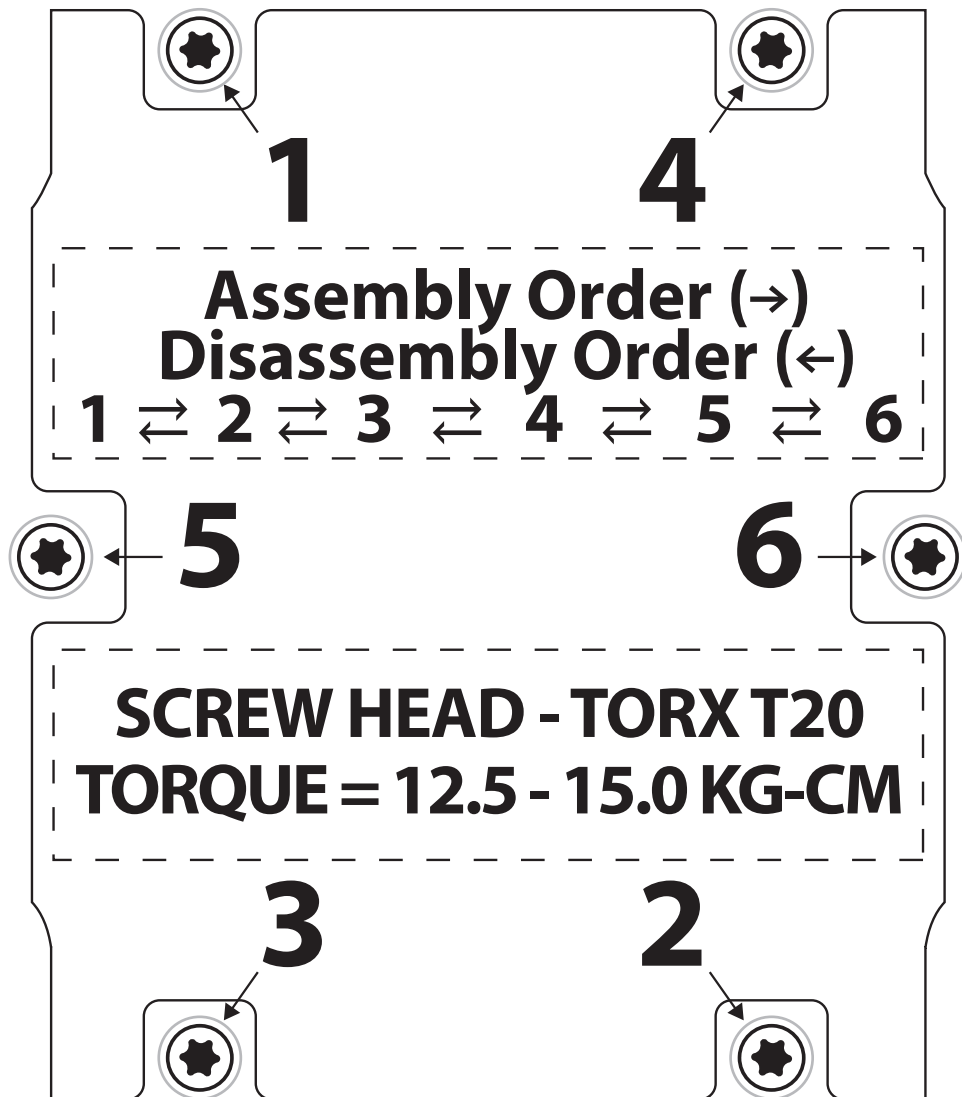
	DATE	NAME	 DYNATRON CORPORATION	
DRAWN	4/7/2025	MichaelZ	TITLE: 1U Passive Air Cooler J20 BOM & exploded Assembly Drawing	
CHECKED	4/7/2025	MichaelZ		
ENG.APPR.				
MFG.APPR.				
COMMENTS:			DWG. NO. DYN-EP-J20	REV 0.0

NOTES:
THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE

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Recommended Torque Application Pattern for Socket SP7 Coolers



WARNING: Failure to attach thermal solutions one-at-a-time in the sequence 1-2-3-4-5-6 and failure to remove thermal solutions one at a time in the sequence 6-5-4-3-2-1 can lead to permanent socket damage.

J20 | Socket SP7

Document History:

08/21/2025: Thermal Resistance vs. Flow Rate

04/07/2025: Initial release