| ITEM | DESCRIPTION | Default/QTY. |
| :---: | :---: | :---: |
| NO. | Radiator 140mm, Aluminum Fins, D5 Pump | 1 |
| 2 | Fan140mmx140mmx38mm, 12V, 130CFM 4 Wire leads | 1 |
| 3 | Straight one-touch air fitting, 8mm tube OD, G02 Thread | 2 |
| 4 | Fan Guard, 140mm Fan | 1 |
| 5 | Socket Head Screw, M3 x 0.5, 45mm L | 4 |
| 6 | Rubber Tubing, 8mm OD, 5mm ID, 3.0" L, 95A hardness, clear blue | 1 |
| 7 | 6mm OD tube support | 4 |
| 8 | Rubber Tubing, 8mm OD, 5mm ID, 3.0" L, 95A hardness, clear blue | 1 |
| 9 | Male Quick Disconnect 8mm PTF | 2 |
| 10 | Female Quick Disconnect 8mm PTF | 2 |
| 11 | Wire connector | 6 |
| 12 | 0.1" housing for 4 pin connector | 2 |
| 13 | Fan Splitter Cable PWM 4 pin 1 to 3 4-pins 10inch sleeved | 1 |
| 14 | Rubber Tubing, 8mm OD, 5mm ID, 24" L, 95A hardness, clear blue | 1 |
| 15 | Rubber Tubing, 8mm OD, 5mm ID, 24" L, 95A hardness, clear blue | 1 |

 Tolerances: Hole diameters $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "], Pitches (from true position) $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "], substrate thickness tolerance $\pm 10 \%$, all other tolerances $\pm 0.127 \mathrm{~mm}$ [ $\left.\pm 0.005^{n \prime}\right]$ ithout notice.

| STATUS: Released | SH: |
| :--- | :--- |
| ENG: Jei |  |



Has a full 4 pin fan connector that sends the RPM signal to the motherboard connector for synchronizing the fan speed with the other fan


Description: Radiator 140 mm quick disconnect
Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.
Tolerances: Hole diameters $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "], Pitches (from true position) $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "], substrate thickness tolerance $\pm 10 \%$, all other tolerances $\pm 0.127 \mathrm{~mm}\left[ \pm 0.005^{"]}\right.$ undess stated otherwise. Materials and specifications are subject to change without notice.

| STATUS: Released |
| :--- |
| ENG: J. Mei |
| FILE. THM-RAD-140-01 Dwg |


| SHEET: 2 OF 3 |
| :--- |
| DRAWN BY: J. Brown |
| DATE: $11 / 08 / 2023$ |


| Rev | Date | Initials | Description |
| :---: | :---: | :---: | :--- |
| A | $11 / 08 / 2023$ |  | Original |
| B | $12 / 6 / 23$ | JB | Revised assembly to include connector parts in BOM. Added 2X <br> connectors, 2X tube supports and 2X tubes 18" long. Exteded inner tube <br> length to 6" was 3". |
| C | $1 / 22 / 24$ | MR | added coolant filling hole label |
| D | $2 / 5 / 24$ | JB | Add 6" more to the longer tubing and use 3" for the shorter tubing only, <br> Revised descriptions $\&$ instructions to match \& added note for 3" tubing. |

## Description: Radiator 140 mm quick disconnect

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams Tolerances: Hole diameters $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "], Pitches (from true position) $\pm 0.0254 \mathrm{~mm}[ \pm 0.001$ "] substrate thickness tolerance $\pm 10 \%$, all other tolerances $\pm 0.127 \mathrm{~mm}[ \pm 0.005$ "]
unless stated otherwise. Materials and specifications are subject to change without notice

## THM-RAD-140-01 Drawing

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STATUS: Released
ENG: J. Mei FILE: THM-RAD-140-01 Dwg

SHEET: 3 OF 3
DRAWN BY: J. Brown
DATE: 11/08/2023

REV. D
SCALE: 1:4
Weight: 517.98

