

**D3010M12B/S**

|                            |                                                       |                                                       |
|----------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1. MODEL NUMBER            | D3010M12B(X1)                                         | D3010M12S(X1)                                         |
| 2. CATEGORY                | BRUSHLESS DC FAN                                      | BRUSHLESS DC FAN                                      |
| 3. FRAME SIZE              | 30 x 30 x 10 mm (1.2 x 1.2 x 0.4 inch)                | 30 x 30 x 10 mm (1.2 x 1.2 x 0.4 inch)                |
| 4. RATED VOLTAGE           | 12 VDC                                                | 12 VDC                                                |
| 5. OPERATING VOLTAGE RANGE | 9 V ~ 15V                                             | 9 V ~ 15V                                             |
| 6. START-UP VOLTAGE        | 9 V / Min.                                            | 9 V / Min.                                            |
| 7. RATED MOTOR SPEED       | 9000 RPM $\pm$ 10%                                    | 9000 RPM $\pm$ 10%                                    |
| 8. AIR FLOW                | 3.7 CFM (0.10 m <sup>3</sup> /Min.)                   | 3.7 CFM (0.10 m <sup>3</sup> /Min.)                   |
| 9. STATIC PRESSURE         | 2.70 mm/H <sub>2</sub> O (0.12 inch/H <sub>2</sub> O) | 2.70 mm/H <sub>2</sub> O (0.12 inch/H <sub>2</sub> O) |
| 10. RATED CURRENT          | 0.09 Amp $\pm$ 10%                                    | 0.09 Amp $\pm$ 10%                                    |
| 11. RATED INPUT POWER      | 1.08 Watts $\pm$ 10%                                  | 1.08 Watts $\pm$ 10%                                  |
| 12. NOISE LEVEL            | 24.10 dB(A)                                           | 24.10 dB(A)                                           |
| 13. DIRECTION OF ROTATION  | Clockwise viewed from front label                     | Clockwise viewed from front label                     |
| 14. OPERATING TEMPERATURE  | -10°C ~ + 70°C / 66% (RH)                             | -10°C ~ + 70°C / 66% (RH)                             |
| 15. STORAGE TEMPERATURE    | -40°C ~ + 75°C / 66% (RH)                             | -40°C ~ + 75°C / 66% (RH)                             |
| 16. BEARING SYSTEM         | BALL BEARING                                          | SLEEVE BEARING                                        |
| 17.LIFE EXPECTANCY         | 70,000 Hrs                                            | 30,000 Hrs                                            |
| 18. SAFETY APPROVAL        | UL, CUL, TUV, CE                                      | UL, CUL, TUV, CE                                      |
| 19. WEIGHT                 | 8.5 gm                                                | 8.5 gm                                                |

