

OD1238 Series



DC Fan - 12, 24, 48V
120x38mm (4.7"x 1.5")



| | | | |
|-----------------------|---|--|--|
| Frame & Impeller | PBT, UL94V-0 plastic | Available Options Tachometer Alarm PWM Thermal control IP55 Sleeve Bearing Life Expectancy (L10) 65,000 hours (45C) Weight: ~0.72 lbs m1 | |
| Connection | 2x Lead wires 24AWG | | |
| Motor | Brushless DC, auto restart, polarity and IC protected | | |
| Bearing System | Dual ball bearing | | |
| Insulation Resistance | 10M ohm between leadwire and frame (500VDC) | | |
| Dielectric Strength | 1 minute at 500 VAC, max leakage < 500 MicroAmp | | |
| Temperature Range | -10C ~ 70C | | |
| Storage Temperature | -40C ~ +80C | | |

| Model Number | Speed (RPM) | Airflow (CFM) | Noise (dB) | Volts DC | Input Power (Watts) | Amps | Max. Static Pressure ("H ₂ O) |
|--------------|-------------|---------------|------------|----------|---------------------|------|--|
| OD1238-12HB | 2800 | 105 | 43 | 12 | 6 | 0.50 | 0.24 |
| OD1238-12MB | 2540 | 95 | 41 | 12 | 4 | 0.35 | 0.23 |
| OD1238-12LB | 1950 | 73 | 33 | 12 | 3 | 0.24 | 0.13 |
| OD1238-12LLB | 1500 | 53 | 27 | 12 | 2 | 0.16 | 0.09 |
| OD1238-24HB | 2800 | 105 | 43 | 24 | 7 | 0.32 | 0.24 |
| OD1238-24MB | 2540 | 95 | 41 | 24 | 6 | 0.23 | 0.23 |
| OD1238-24LB | 1950 | 73 | 33 | 24 | 4 | 0.14 | 0.13 |
| OD1238-48HB | 2800 | 105 | 43 | 48 | 10 | 0.20 | 0.24 |
| OD1238-48MB | 2540 | 95 | 41 | 48 | 7 | 0.14 | 0.23 |
| OD1238-48LB | 1950 | 73 | 33 | 48 | 5 | 0.10 | 0.13 |
| OD1238-48LLB | 1500 | 53 | 27 | 48 | 4 | 0.08 | 0.09 |

* Indicate "B" to specify Ball bearing or "S" to specify Sleeve bearing

Mouser Electronics

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