

## HS-05D-4508S-4

## HS-12D-4508S-4

### DC Heat Sink Fan

#### Features

- Size: 45 x 45 x 8 mm (1.7" x 1.7" x 0.3")
- Weight: 17 g (0.60 oz)
- Noise: 23.8 dBA
- Lead Wire: AWG28 (UL1571)
- Impeller: PBT (UL94V-0)
- Heat Sink: Aluminum Alloy
- Note: Optional 3rd alarm wire available



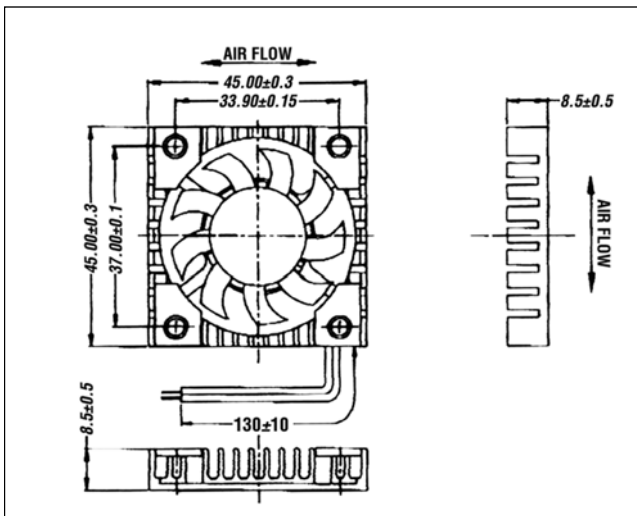
UL pending



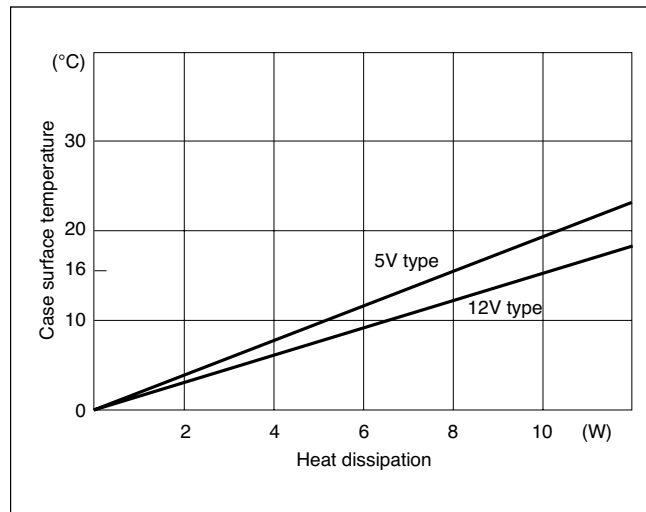
CSA pending

• RoHS Compliant

#### Dimensions – inches (mm)



#### Cooling Performance



#### Performance

| Type           | Rated Voltage (V) | Rated Current (A) |       | $\theta_{ca}$ Thermal Resistance (°C/W) | Noise* (dBA) | Operating Voltage (V) | Operating Temperature (°C) | Life Expectancy (Hr) (@ 25°C) |
|----------------|-------------------|-------------------|-------|---|--------------|-----------------------|----------------------------|-------------------------------|
|                |                   | Locked            | Moved |   |              |                       |                            |                               |
| HS-05D-4508S-4 | 5                 | 0.16              | 0.09  | 2.0                                     | 24           | 4.5~5.5               | -10~ +70                   | 50,000                        |
| HS-12D-4508S-4 | 12                | 0.18              | 0.06  | 1.6                                     | 27           | 10.2~13.8             | -10~ +70                   | 50,000                        |

\*Measured 1 m from intake