

## Turbo Series

TMW-86-531-W(F)



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 **RoHS** Rohs Compliant

## Specifications

|                                     |                                                                                                                                                                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting</b>                     | Panel Mount                                                                                                                                                                                                                                                                            |
| <b>Operating Mode</b>               | Medium Loud Fast Warble Tone                                                                                                                                                                                                                                                           |
| <b>Operating Voltage</b>            | 5-24 Vac/dc                                                                                                                                                                                                                                                                            |
| <b>Operating Frequency</b>          | 2900 $\pm$ 250 Hz                                                                                                                                                                                                                                                                      |
| <b>Typical Operating Current</b>    | 2 mA at 5 Vac/dc<br>15 mA at 24 Vac/dc                                                                                                                                                                                                                                                 |
| <b>Typical Sound Pressure</b>       | 75 $\pm$ 5 dB(A) at 5 Vac/dc at 24 inches (61 cm), at 25°C<br>95 $\pm$ 5 dB(A) at 24 Vac/dc at 24 inches (61 cm), at 25°C                                                                                                                                                              |
| <b>Termination</b>                  | Wires                                                                                                                                                                                                                                                                                  |
| <b>Termination Strength</b>         | Pull test with a maximum of 22 pounds (10 kg) load                                                                                                                                                                                                                                     |
| <b>Operating Temperature</b>        | -20_C to +65_C                                                                                                                                                                                                                                                                         |
| <b>Storage Temperature</b>          | -40_C to +85_C                                                                                                                                                                                                                                                                         |
| <b>Surge Voltage</b>                | 20% over maximum rated voltage for less than 5 minutes                                                                                                                                                                                                                                 |
| <b>Reverse Voltage Protection</b>   | To the maximum operating voltage                                                                                                                                                                                                                                                       |
| <b>Construction Materials</b>       | Case- Plastic _NORYL_ N-190, Flame Retardant UL 94-VO, Black<br>Internal Circuit- Audio-oscillator and piezoelectric driver<br>Potting- 2 parts epoxy resin or silicone, black<br>Diaphragm- Stainless Steel 304                                                                       |
| <b>Gasket</b>                       | Gasket (Included) 0.125" thick, 60 Durometer Neoprene                                                                                                                                                                                                                                  |
| <b>Construction Materials</b>       | ASTM B117 Certified - Withstands exposure to salt spray for 300 hours<br>IP 68 Certified - Withstands water submergence and dust exposure<br>Humidity- 95% relative humidity at +40_C continuously for 100 hours.<br>Vibration- Withstands vibration between 0 and 55 Hz. on all axes. |
| <b>Life Expectancy</b>              | 10 years under normal operating conditions.                                                                                                                                                                                                                                            |
| <b>Warranty</b>                     | For a period of two years from the date of manufacture under normal operating conditions.                                                                                                                                                                                              |
| <b>Notes</b>                        | This product is not intended as a life safety device.                                                                                                                                                                                                                                  |
| <b>Terms and Conditions of Sale</b> | <a href="#">Link here</a>                                                                                                                                                                                                                                                              |

□

Dimensions

