

[Twin Turbo Series](#)

TLHW-V88R-930-QF


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RoHS Compliant

**Specifications**

|                                     |                                                                                                                                                                                                    |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting</b>                     | Panel Mount with Volume Control                                                                                                                                                                    |
| <b>Color</b>                        | Red                                                                                                                                                                                                |
| <b>Operating Mode</b>               | Fast Warble Tone                                                                                                                                                                                   |
| <b>Operating Voltage</b>            | 9-30 Vdc                                                                                                                                                                                           |
| <b>Operating Frequency</b>          | 3000±250 Hz                                                                                                                                                                                        |
| <b>Typical Operating Current</b>    | 110 mA at 9 Vdc<br>50 mA at 30 Vdc                                                                                                                                                                 |
| <b>Typical Sound Pressure</b>       | 85 ±5 dB(A) at 9 Vdc at 24 inches (61 cm), at 25°C<br>103 ±5 dB(A) at 30 Vdc at 24 inches (61 cm), at 25°C                                                                                         |
| <b>Termination</b>                  | Quick Connect Blades                                                                                                                                                                               |
| <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>       | Lens/Case- Red Translucent Polycarbonate 94 VO<br>Potting- 2 parts epoxy resin or silicone, black                                                                                                  |
| <b>Gasket</b>                       | Gasket (Included) 0.125" thick, 60 Durometer Neoprene<br>ASTM B117 Certified - Withstands exposure to salt spray for 300 hours<br>IP 68 Certified - Withstands water submergence and dust exposure |
| <b>Construction Materials</b>       | 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



PANEL MOUNTING



FITS PANELS UP TO 0.50 in [12.7 mm] THICK

"Q" TERMINALS

