



Floyd Bell Inc
SOUND SOLUTIONS

TECHNICAL SPECIFICATIONS

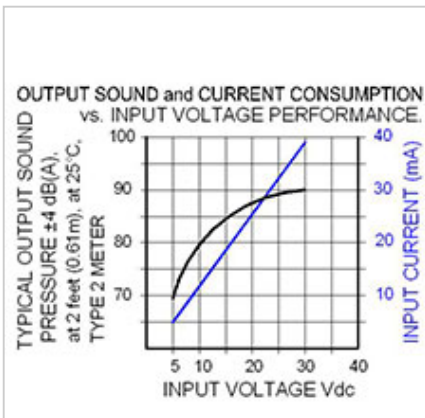
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Turbo

TCH-86-530-S(M)



 [UL Recognized](#)

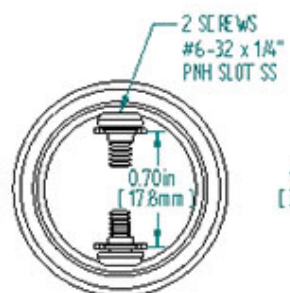


Specifications

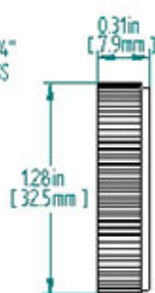
Turbo Medium Loud Chime Tone; Moderate Rate; Panel Mount Case and Quick Connect Blades with Screws Termination

Mounting:	Panel Mount
Operating Mode:	Medium Loud Moderate Chime Tone
Operating Voltage:	5-30 Vdc
Operating Frequency:	2900 \pm 250 Hz
Typical Operating Current:	4 mA at 5 Vdc 40 mA at 30 Vdc
Typical Sound Pressure:	70 \pm 5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 90 \pm 5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C
Termination:	Quick Connect Blades with Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C
Storage Temperature:	-40°C to +85°C
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes
Reverse Voltage Protection:	To the maximum operating voltage
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Gasket:	Gasket (Sold Separately)– 0.125" Thick, 60 Durometer Neoprene
Environmental Durability:	ASTM B117 Certified - Withstands exposure to salt spray for 300 hours IP 68 Certified - Withstands water submergence and dust exposure Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

REAR



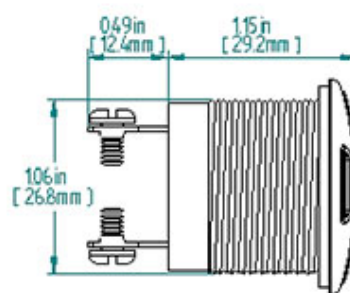
RING



GASKET



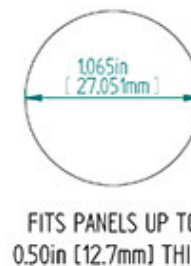
SIDE



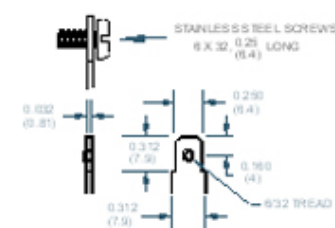
FRONT



PANEL MOUNTING



"S" TERMINALS



TOLERANCES ARE ± 0.03 in (± 0.76 mm) UNLESS OTHERWISE SPECIFIED