

INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

CI36P-16E300-M-1X

Former P/N: CED-ME516AQSWS

Rev. 3-2019
RoHS3 & REACH & IP68 & 300 HR ASTM B117
Piezoelectric Indicators



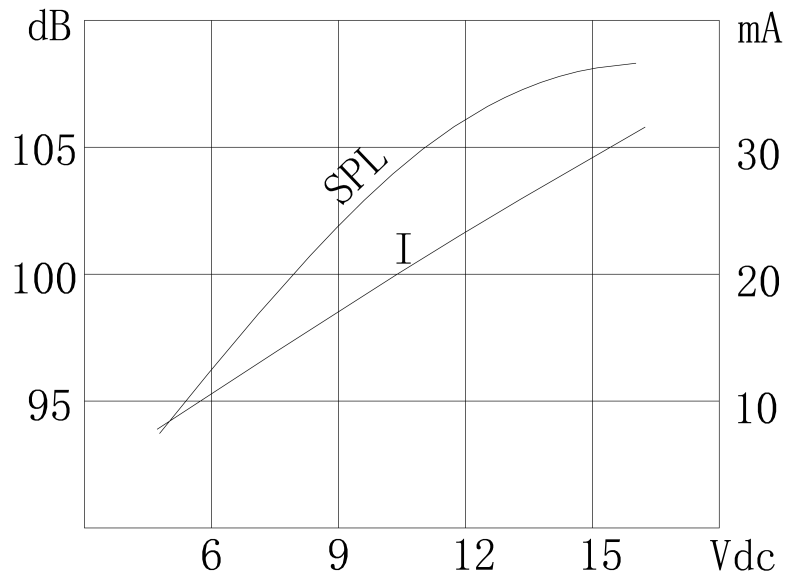
Operating Characteristics

ELECTRICAL

Rated Voltage	12 VDC
Operating Voltage	5 to 16 VDC
Max Current at Vmax	60 mA

ACOUSTIC

Tone Category	User
Description	User-Selectable
Center f	3000 \pm 50 Hz
Min SPL at Vmin	85 dB
Min SPL at Vmax	100 dB
Test Conditions	Continuous Tone; 61 cm



Physical Characteristics

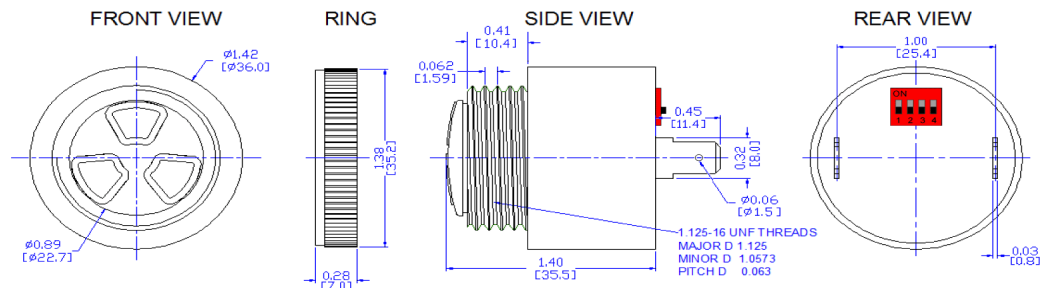
MATERIALS

Housing	Noryl
Diaphragm	Stainless Steel
Terminal	Electro-Tin Plated Brass

TEMPERATURE RANGES

Operating	-30 to +65 °C
Storage	-40 to +85 °C

Weight 35 g



Tone #	Output Sound Tone	Rate	DIP Switch Setting ⁽¹⁾			
			1	2	3	4
1	A Steady Tone	NA	Off	Off	Off	Off
2	Sound Pressure Level (Loudness) which exponential decays, at	1 Hz.	On	On	Off	On
3	Sound Pressure Level (Loudness) which exponential decays, at	2 Hz.	Off	On	On	On
4	An Interrupted Sound at 50% of the duty cycle, at	1 Hz.	On	Off	Off	Off
5	An Interrupted Sound at 50% of the duty cycle, at	3 Hz.	Off	On	Off	Off
6	An Interrupted Sound at 50% of the duty cycle, at	6 Hz.	On	On	Off	Off
7	An Interrupted Sound at 50% of the duty cycle, at	10 Hz.	On	Off	Off	On
8	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	1 Hz.	Off	Off	On	Off
9	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	3 Hz.	Off	Off	Off	On
10	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	6 Hz.	On	Off	On	Off
11	A Sound Frequency Switching between 2,800 Hz. and 3,200 Hz. at 50% duty cycle, at	10 Hz.	Off	On	On	Off
12	An Interrupted Sound of 4 Pulses within 0.5 Second and 0.5 Second OFF per Cycle	1.0 Second	On	On	On	Off
13	An Interrupted Sound of 4 Pulses within 0.5 Second and 1.0 Seconds OFF per Cycle	1.5 Second	Off	On	Off	On
14	An Interrupted Sound of 8 Pulses within 1.0 Second and 1.0 Second OFF per Cycle	2.0 Second	Off	Off	On	On
15	An Interrupted Sound of 8 Pulses within 1.0 Second and 4.0 Seconds OFF per Cycle	5.0 Second	On	Off	On	On

Revision	Description	By	Date
2-2019	Updated test conditions to indicate continuous tone was used for SPL measurements.	JL	2019-03-04
3-2019	Migrate to new format. Added SPL vs. Input Voltage curve.	JL	2019-12-05

Warranty: For a period of two (2) years from date of shipping under normal operations conditions This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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