

date 08/05/2022

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MODEL: CEP-1173 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- wire leads with feedback
- 12 Vdc rating
- low profile
- 3.3 kHz rated frequency





SPECIFICATIONS

parameter	conditions/description	min	typ	max	units	
rated voltage			12		Vdc	
operating voltage		3		28	Vdc	
current consumption	at rated voltage			7	mA	
rated frequency		2,800	3,300	3,800	Hz	
sound pressure level	at 30 cm, rated voltage	82			dB	
dimensions	Ø32.0 x 13.5				mm	
weight				7.4	g	
material	ABS UL94 1/16" HB High Heat (black)					
terminal	wire leads					
operating temperature		-30		80	°C	
storage temperature		-40		95	°C	
RoHS	yes					

Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106kPa pressure, unless otherwise noted.

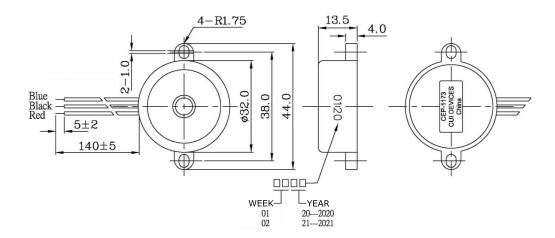
MECHANICAL DRAWING

units: mm

tolerance: ±0.5 mm

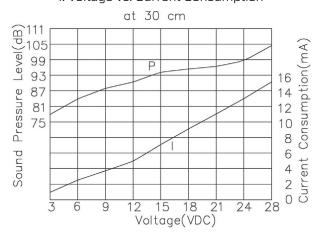
wire: wire: UL1095 28 AWG

WIRE CONNECTIONS				
Color	Function			
Red	+terminal (M)			
Black	-terminal (G)			
Blue	feedback (F)			

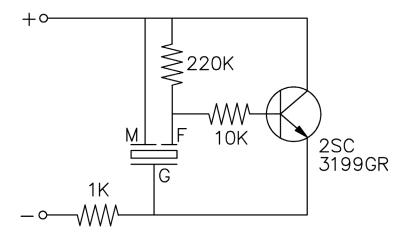


PERFORMANCE CURVES

P: Voltage vs. Sound Pressure Level I: Voltage vs. Current Consumption



DRIVING CIRCUIT



Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/25/2007
1.01	applied new spec template	06/25/2015
1.02	updated datasheet	10/23/2018
1.03	brand update	04/27/2020
1.04	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



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