

**MODEL:** CPI-42533C-120 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

**FEATURES**

- includes driving circuit
- wire leads
- 12 Vdc rated voltage


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		6		28	Vdc
current consumption	at rated voltage continuous tone slow pulse tone			13 11	mA mA
rated frequency		2,300	2,800	3,300	Hz
sound pressure level	at 30 cm, rated voltage continuous tone slow pulse tone	92 87			dB dB
tone	continuous (black wire) slow pulse at rated voltage (blue wire)	0.96	1.2	1.44	Hz
dimensions	∅42.5 x 33.0				mm
weight				38	g
material	ABS UL94 1/16" HB High Heat				
terminal	wire type				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				

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

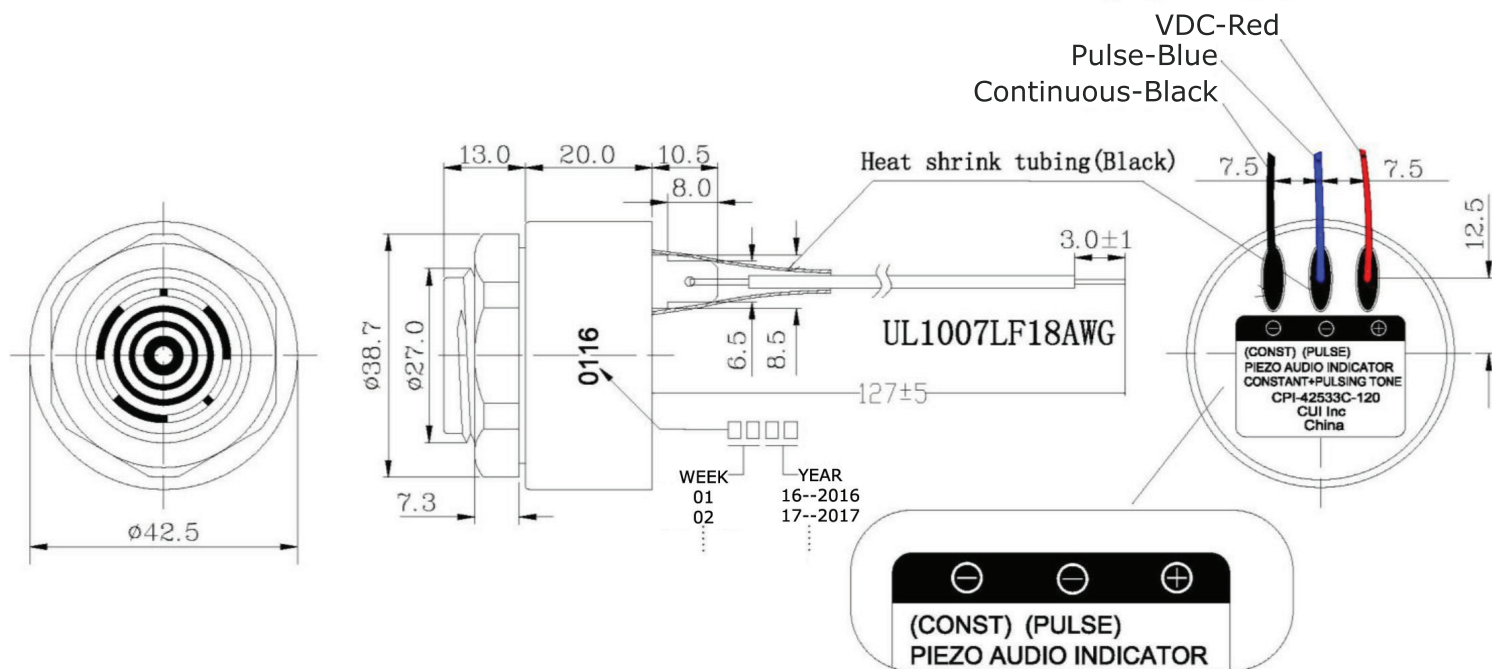
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330		380	°C

## MECHANICAL DRAWING

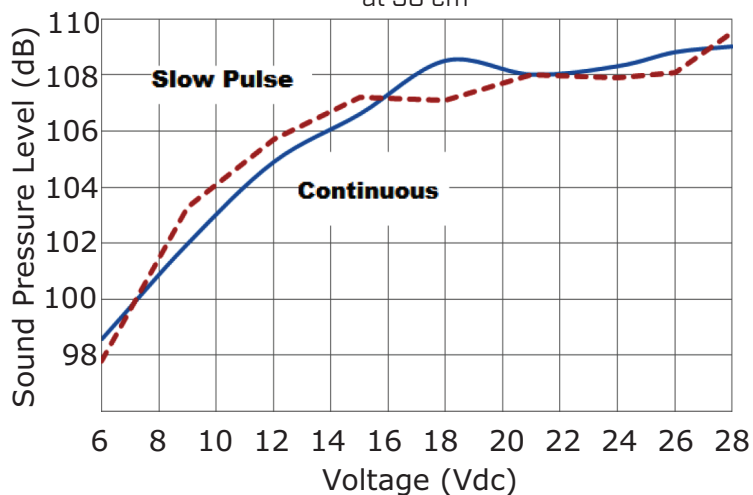
units: mm  
tolerance: ±0.5 mm

wire: UL1007 LF 18 AWG

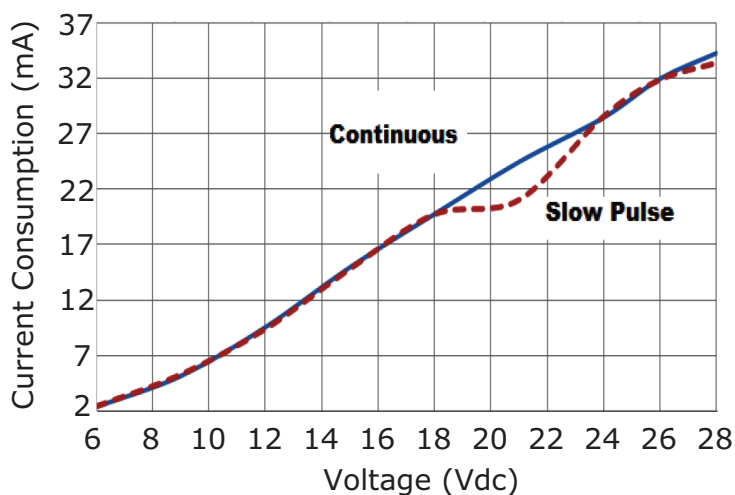


## PERFORMANCE CURVES

Voltage vs. Sound Pressure Level at 30 cm



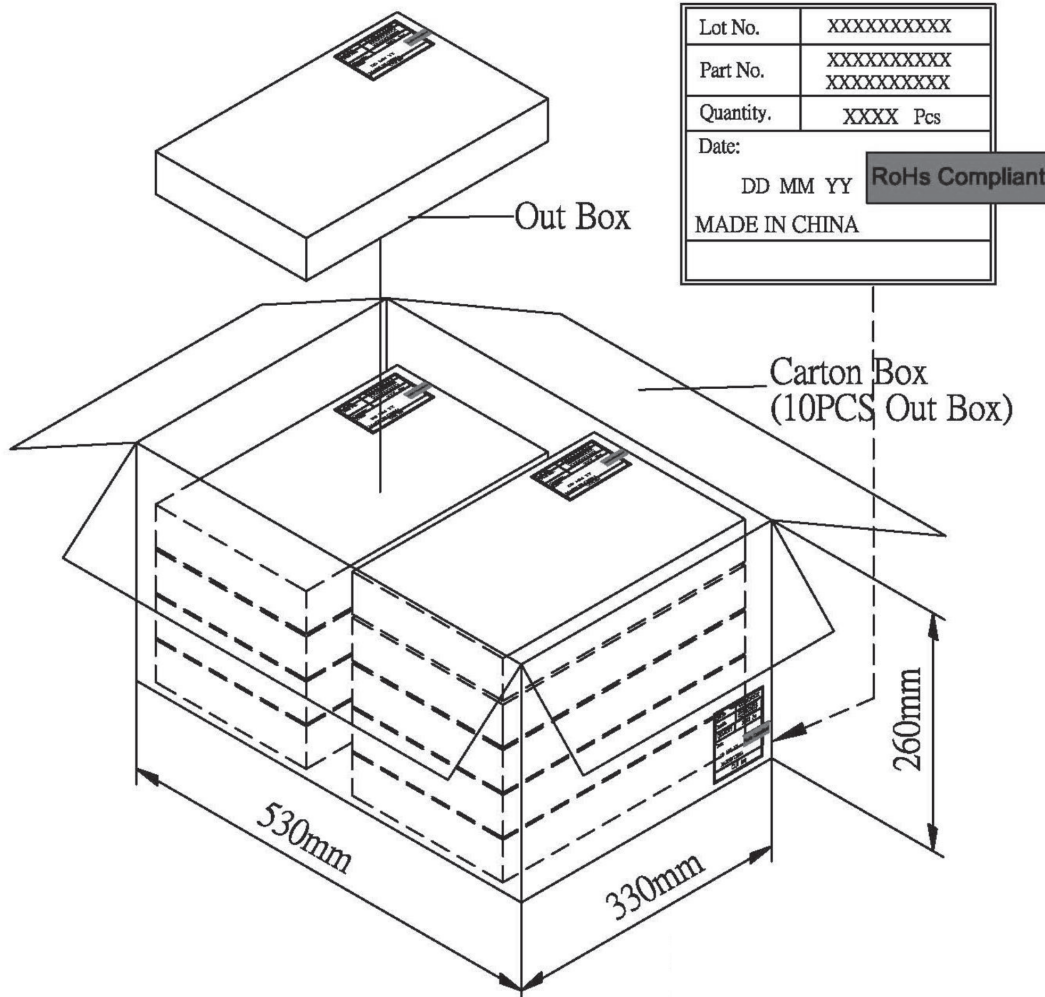
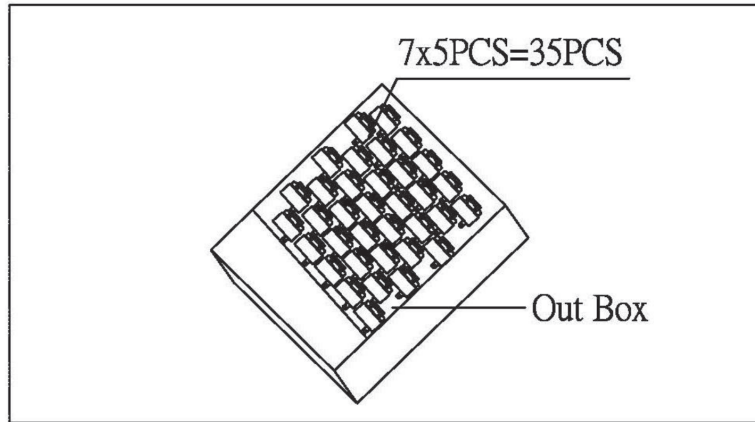
Voltage vs. Current Consumption



## PACKAGING

units: mm

Outer Box Size: 310 x 248 x 49 mm  
 Carton Size: 530 x 330 x 260 mm  
 Outer Box QTY: 35 pcs per outer box  
 Carton QTY: 350 pcs per carton



## REVISION HISTORY

rev.	description	date
1.0	initial release	04/06/2016
1.01	updated packaging	07/01/2016
1.02	updated wire descriptions	01/22/2019
1.03	brand update	12/11/2019
1.04	logo, datasheet style update	08/05/2022

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



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

[cuidevices.com](http://cuidevices.com)