CUI Devices is now Same Sky! Learn More

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

FEATURES

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



RoHS

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	Ø42.5 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.

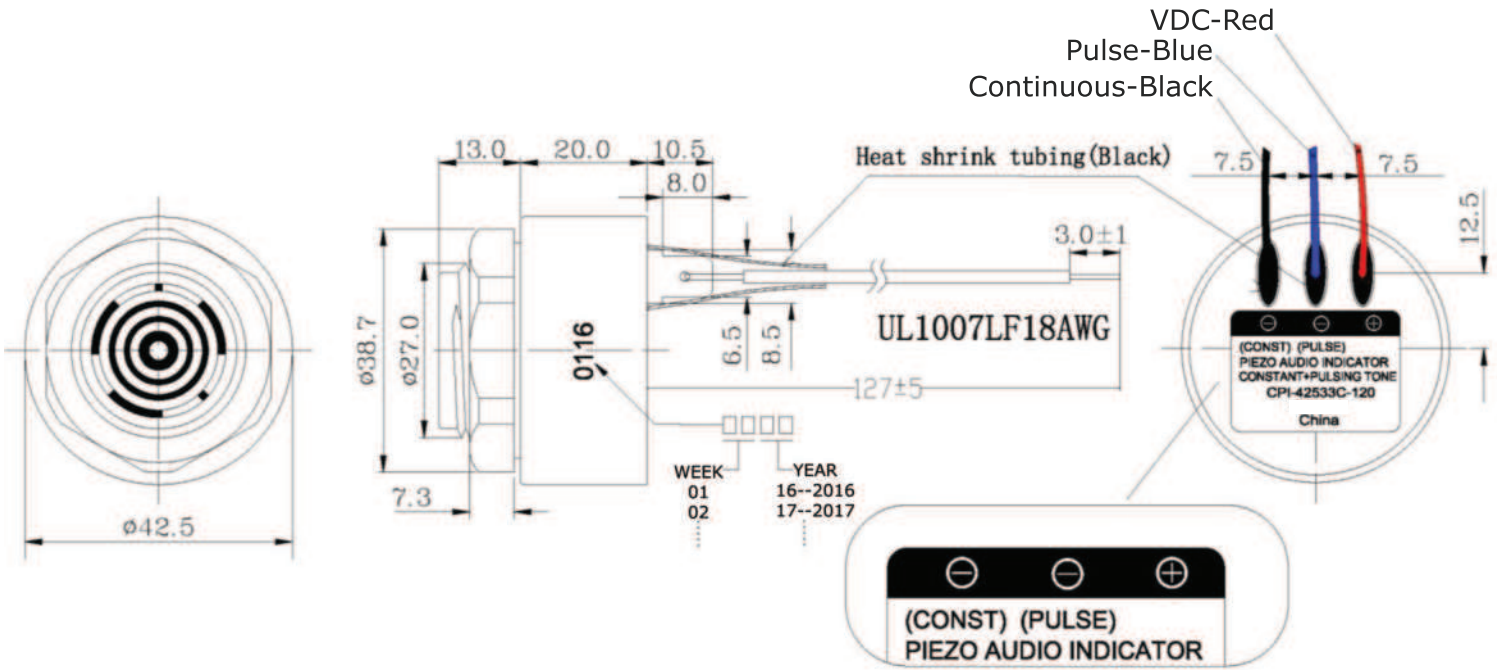
SOLDERABILITY

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

MECHANICAL DRAWING

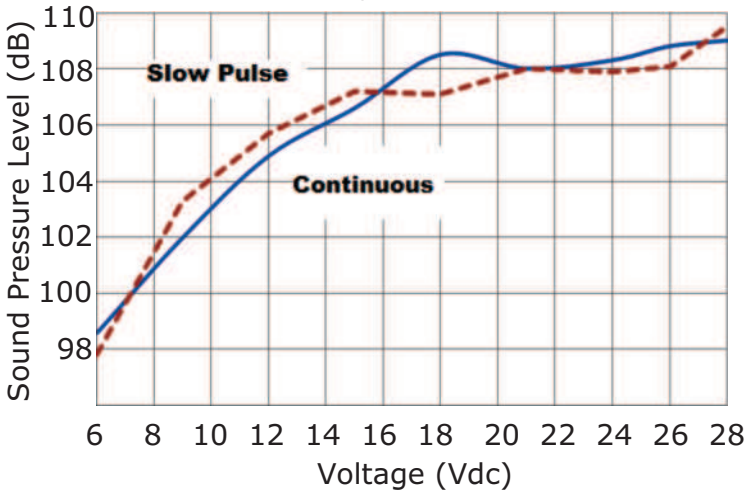
units: mm
tolerance: ±0.5 mm

wire: UL1007 LF 18 AWG

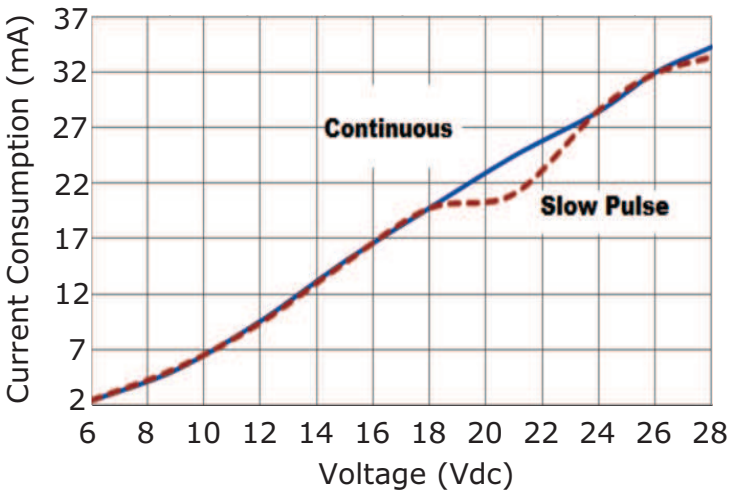


PERFORMANCE CURVES

Voltage vs. Sound Pressure Level
at 30 cm



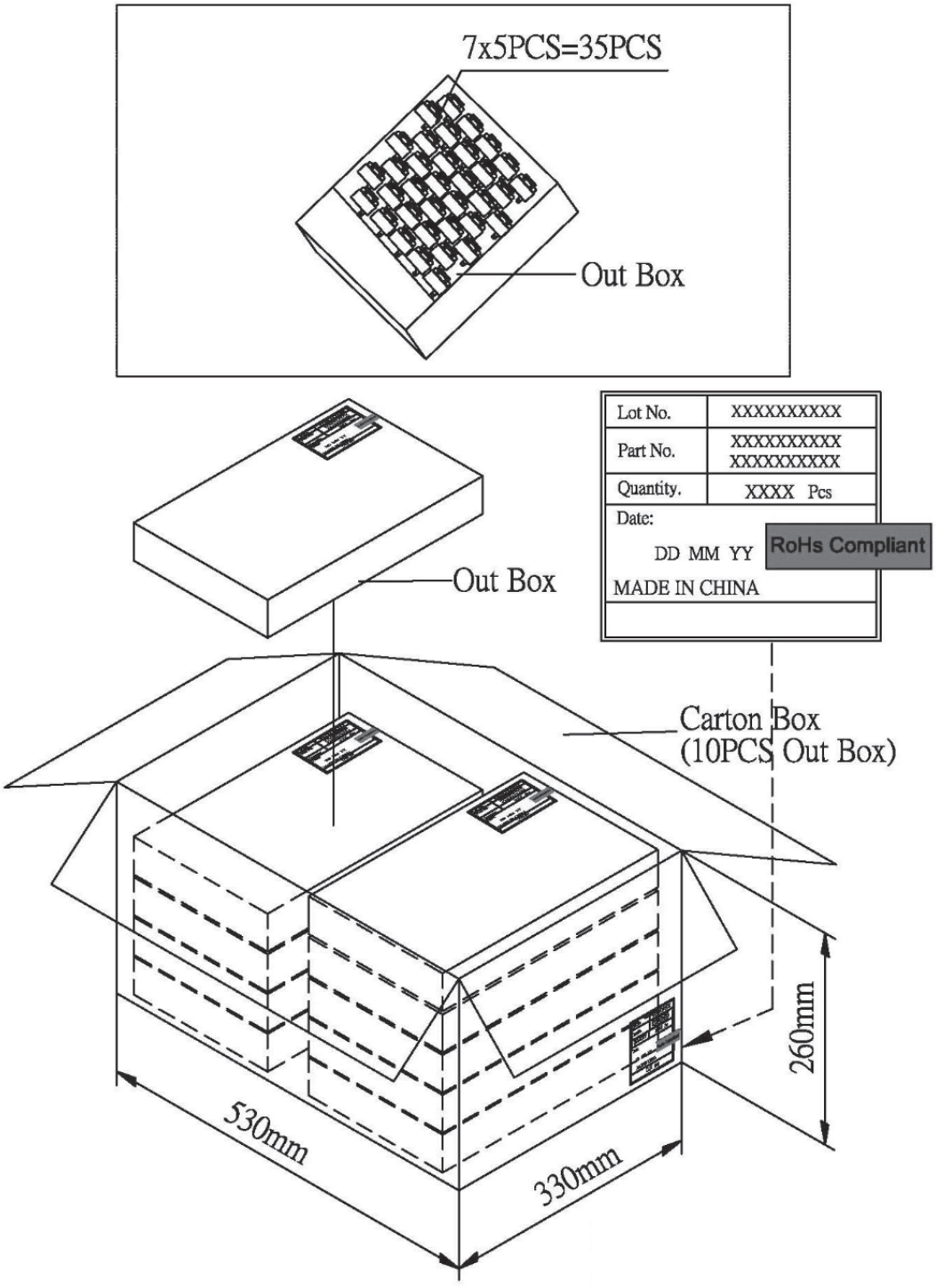
Voltage vs. Current Consumption



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
1.05	CUI Devices rebranded to Same Sky	09/11/2024

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

same sky

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

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

Same Sky 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.

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