CUDEVICES

MODEL: CPT-3011C-120 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- externally driven
- 104 dB SPL
- 12 Vdc rated voltage



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		6		16	Vdc
current consumption	at rated voltage			35	mA
rated frequency		2,500	3,000	3,500	Hz
sound pressure level	at 30 cm, rated voltage at 300 cm, rated voltage	104 85	108 92		dB dB
dimensions	Ø30.6 x 11.85				mm
weight				1.8	g
material	ABS PA-777D				
terminal	pin type				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				

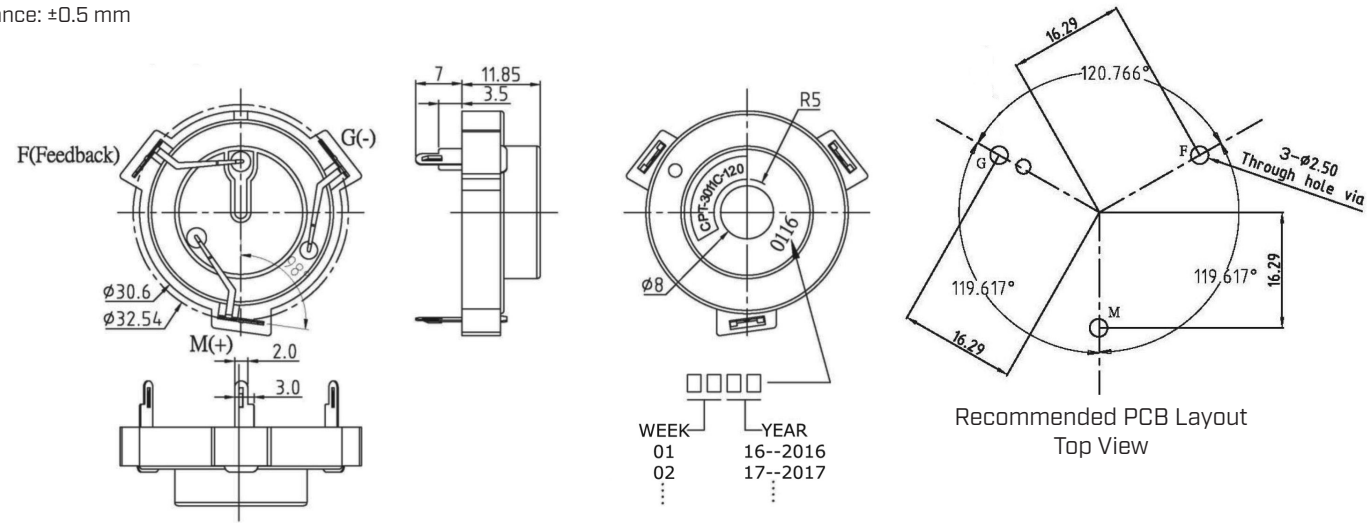
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

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

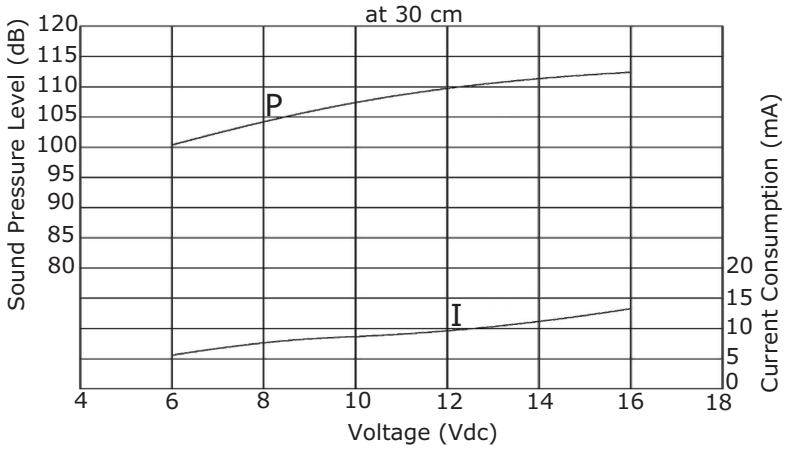
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

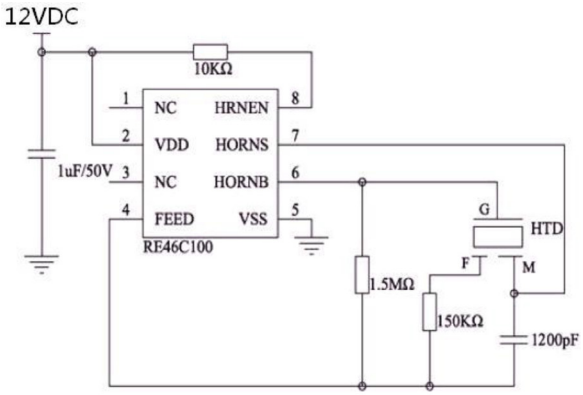


PERFORMANCE CURVE

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



DRIVING CIRCUIT

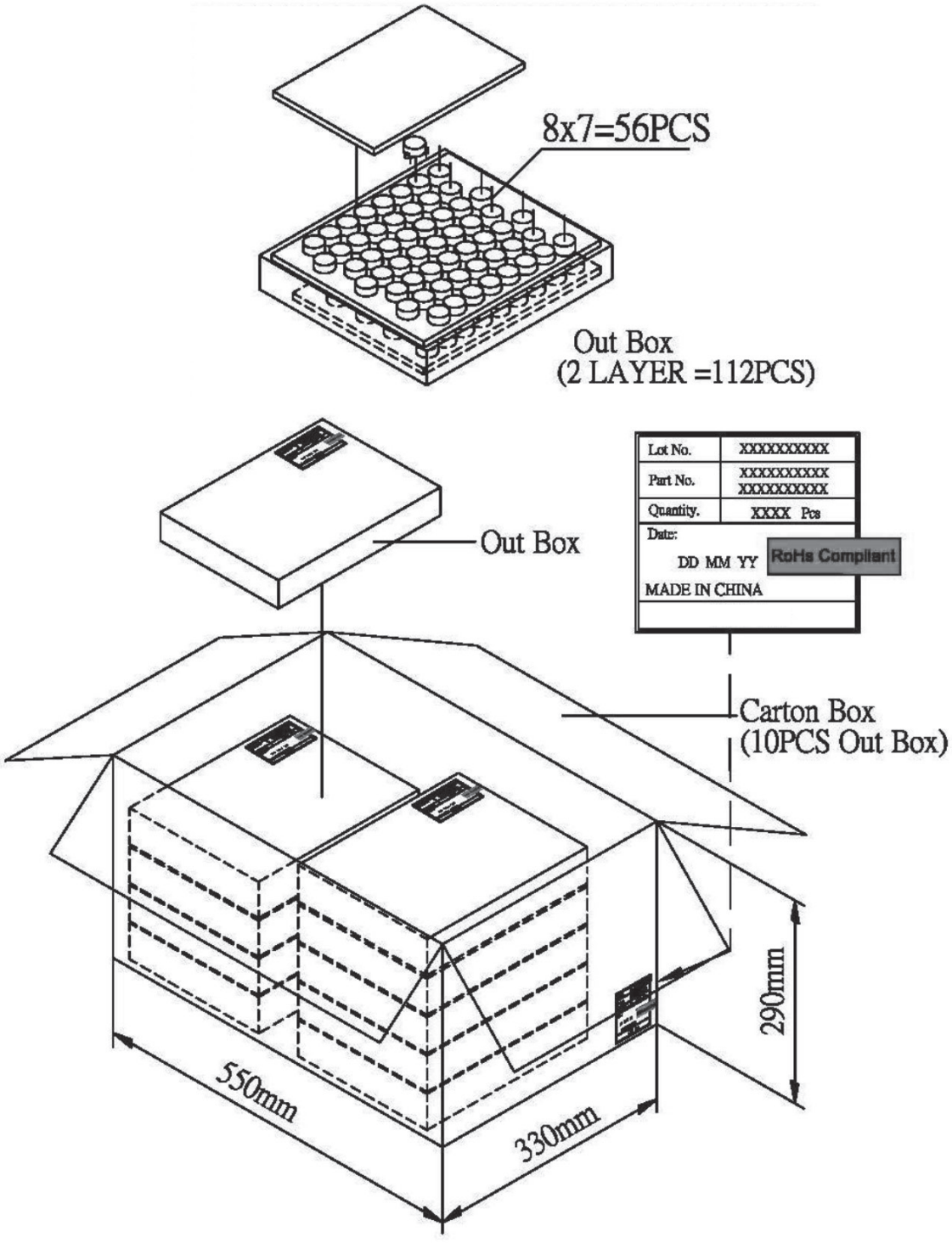


Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

PACKAGING

units: mm

Outer Box Size: 310 x 248 x 49 mm
Carton Size: 550 x 330 x 290 mm
Outer Box QTY: 112 pcs per outer box
Carton QTY: 1,120 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/30/2016
1.01	changed packaging	08/15/2019
1.02	brand update	12/05/2019
1.03	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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