

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

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

**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	104	108		dB
	at 300 cm, rated voltage	85	92		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	2011/65/EU				

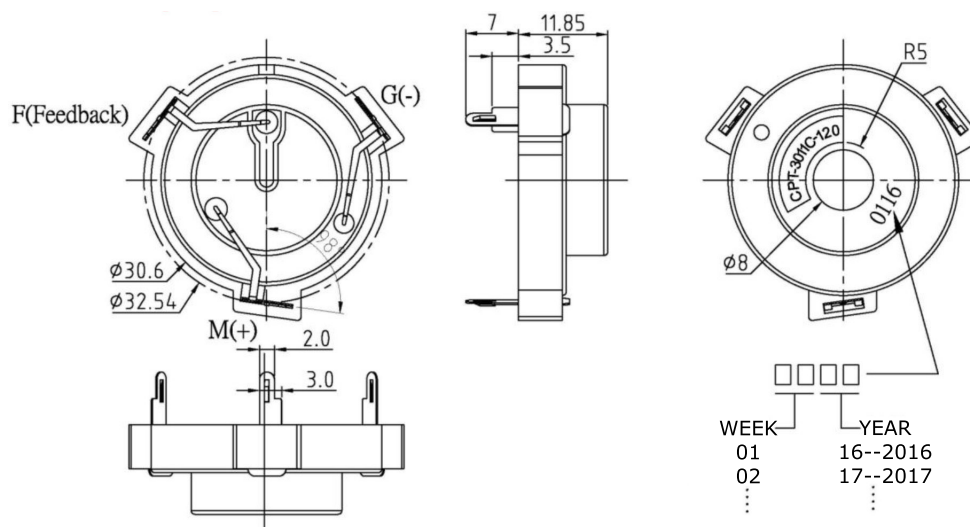
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

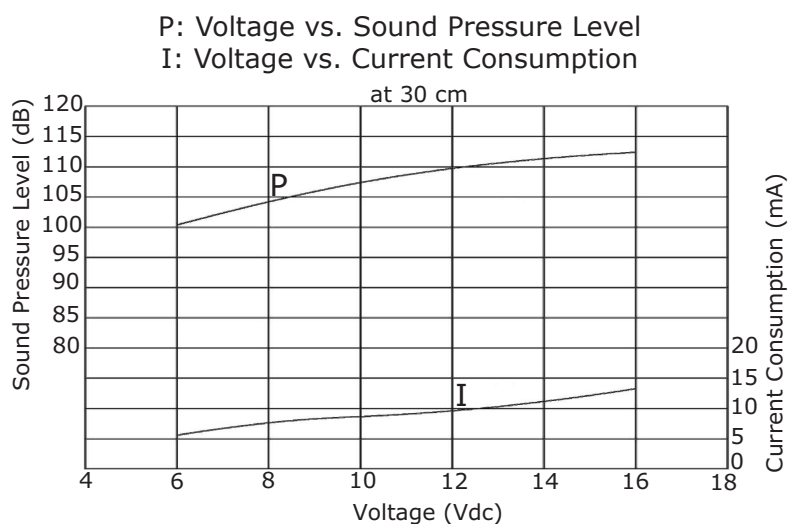
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330		380	°C

MECHANICAL DRAWING

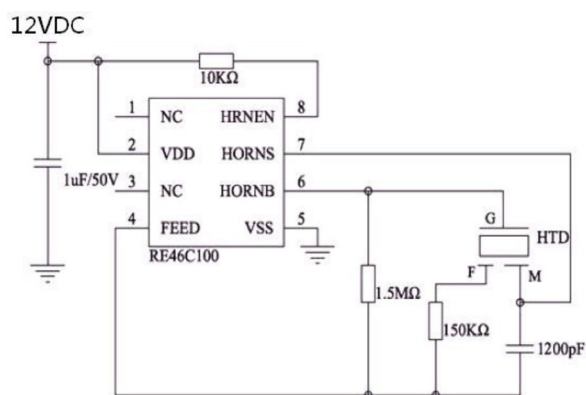
units: mm
tolerance: ± 0.5 mm



PERFORMANCE CURVE



DRIVING CIRCUIT



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

PACKAGING

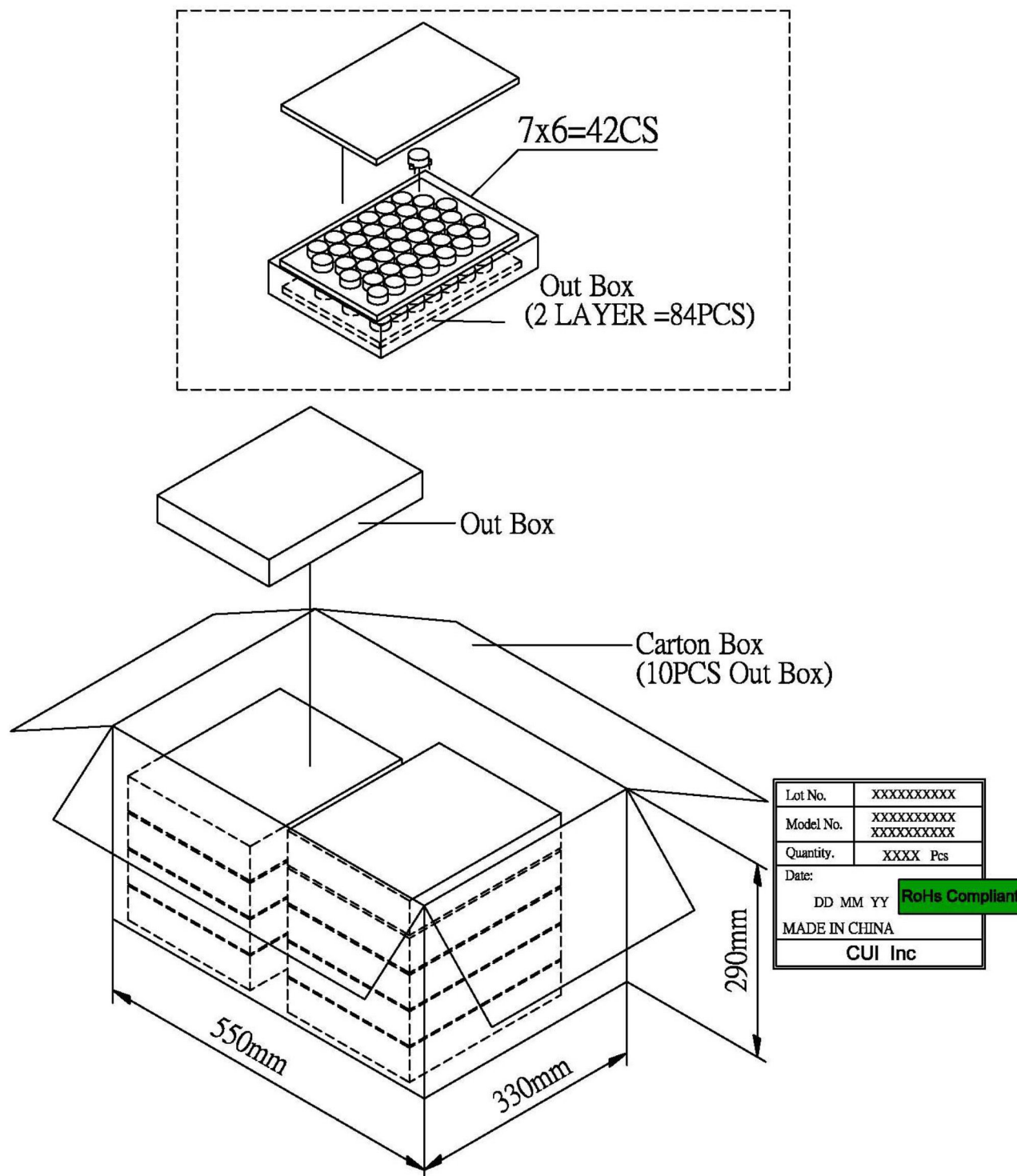
units: mm

Outer Box Size: 310 x 248 x 49 mm

Carton Size: 550 x 330 x 290 mm

Outer Box QTY: 84 pcs per outer box

Carton QTY: 840 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/30/2016

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



CUI INC[®]

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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