

MODEL: CPS-3016-105L085 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- 12 V rated
- externally driven
- wire leads



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		6		16	Vdc
current consumption	at rated voltage			30	mA
rated frequency		2,750	3,250	3,750	Hz
sound pressure level	at 10 cm, rated voltage	105			dB
tone	single				
dimensions	Ø30.6 x 16.0				mm
weight			6.0		g
material	ABS777D				
terminal	wire leads				
operating temperature		-40		85	°C
storage temperature		-40		85	°C
washable	no				
RoHS	yes				

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

SOLDERABILITY

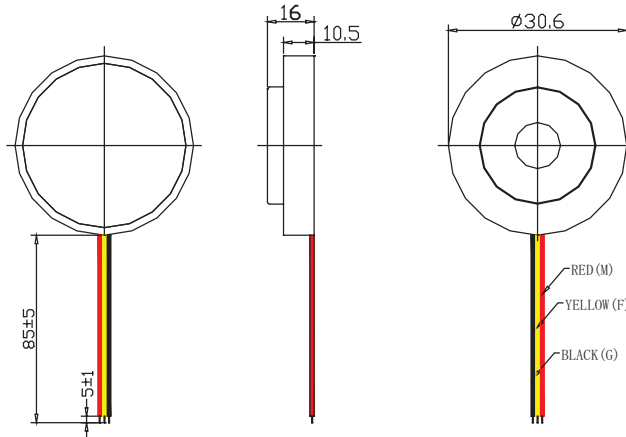
parameter	conditions/description	min	typ	max	units
hand soldering		360	380	400	°C

MECHANICAL DRAWING

units: mm

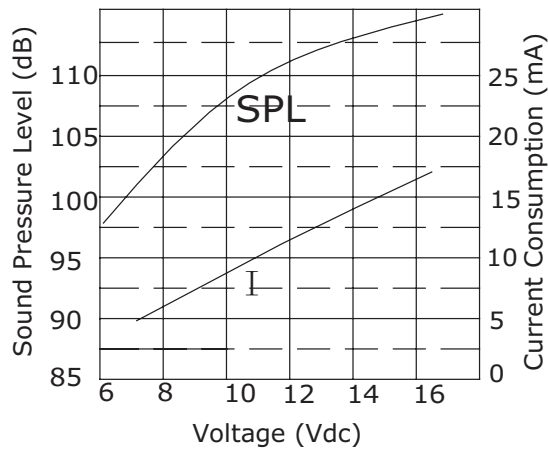
tolerance: ±0.5 mm

wire: UL1571 AWG 28

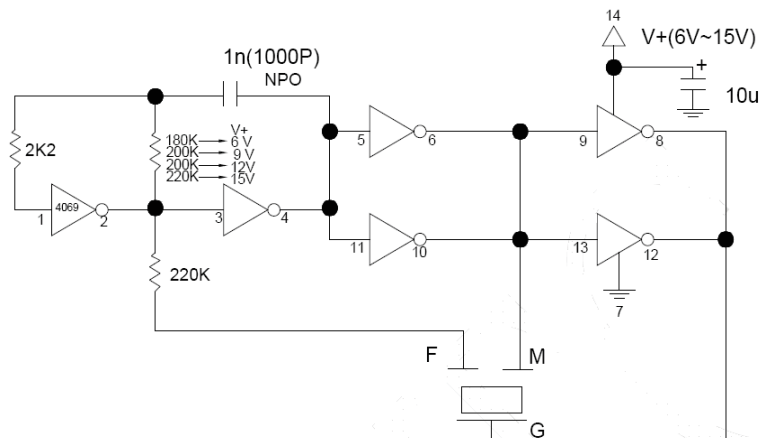


PERFORMANCE CURVES

SPL: Voltage vs. Sound Pressure Level
 I: Voltage vs. Current Consumption
 at 10 cm



DRIVING CIRCUIT



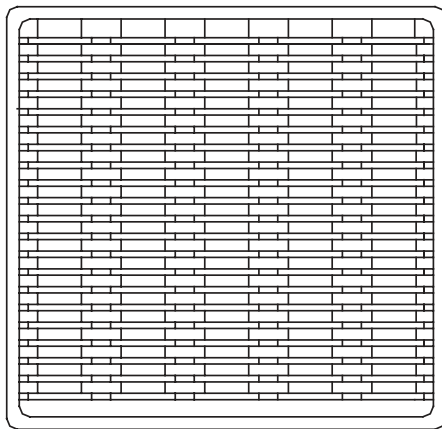
Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

PACKAGING

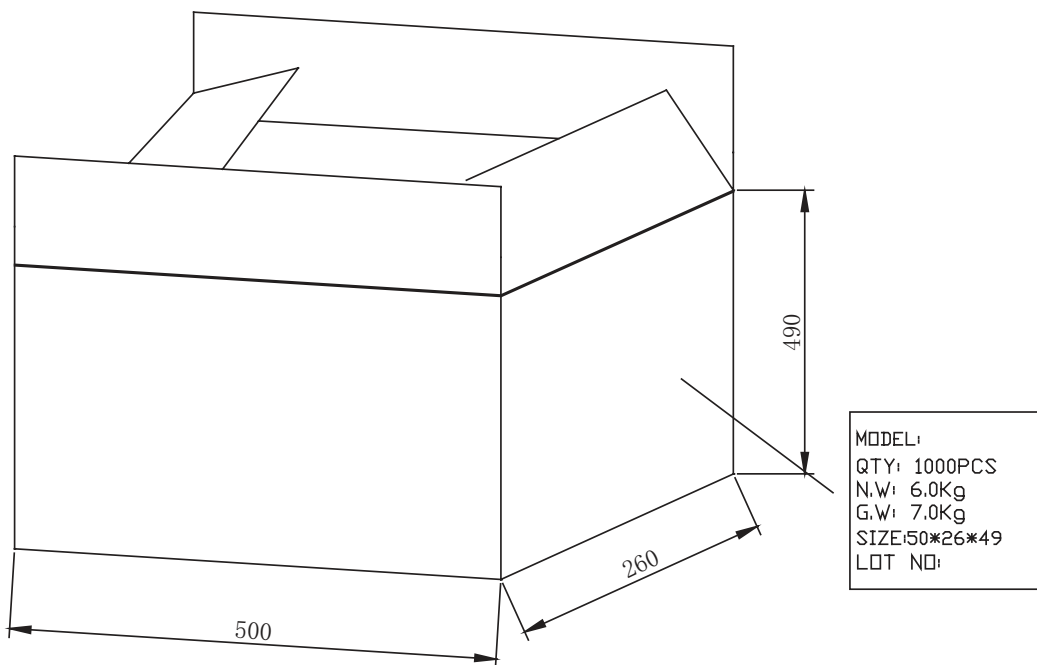
units: mm

Carton Size: 500 x 260 x 490 mm

Carton QTY: 1,000 pcs per carton



Per Tray 50 pcs.



Per box 1000 pcs.

REVISION HISTORY

rev.	description	date
1.0	initial release	01/08/2020
1.01	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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