

Piezo Transducer (External Drive)

Model: XPT27AL-X236



ELECTRICAL SPECIFICATIONS

	Condition	Parameter	Unit
Operating Voltage		1 ~ 30	Vp-p
Rated Voltage		5	Vp-p
Rated Current	at rated voltage, resonant freq., square wave	Max. 5	mA
Capacitance	at 1000Hz	33000 ± 30%	pF
Resonant Frequency		4200 ± 500	Hz
Sound Pressure Level	at 10cm, rated voltage, resonant freq., square wave	Min. 80	dBa
Terminal		Connector	
Operating Temperature		-20 ~ +70	°C
Housing Material		Aluminum	
Weight		2.1	g

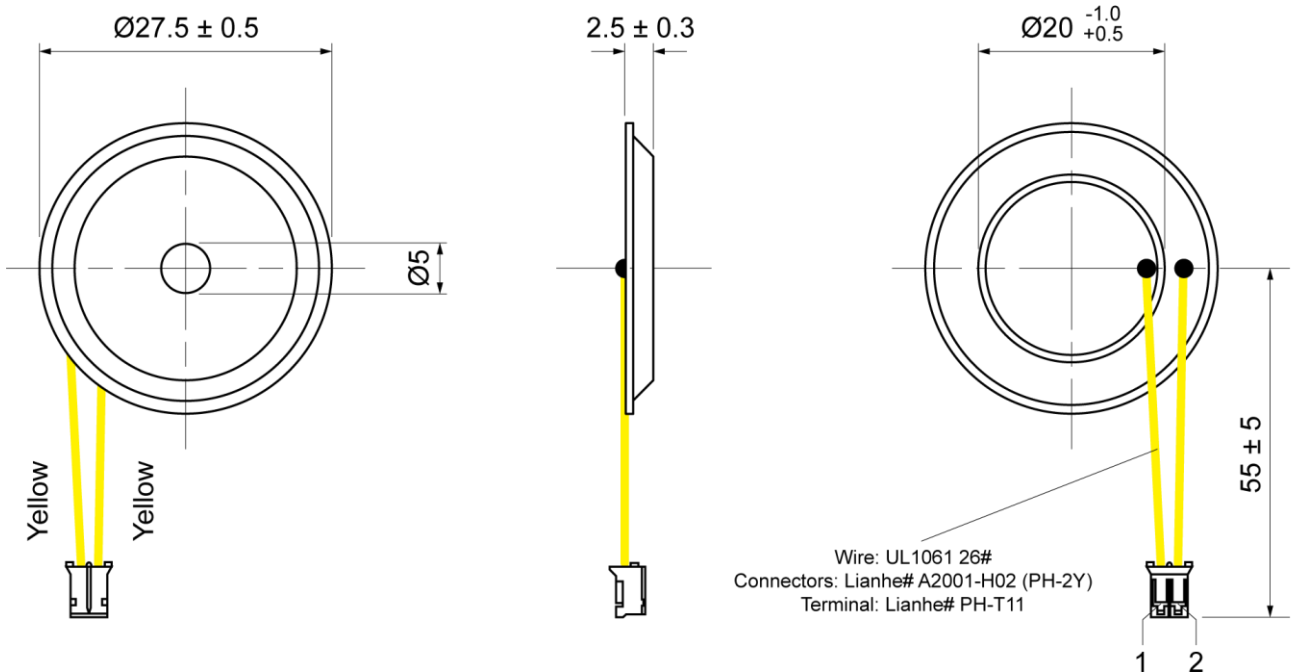
MECHANICAL DRAWING

Dimensions in mm

Wire: 55mm, UL1061 26#

Tolerance ±0.5mm Except Specified

Connector: Lianhe# A2001-H02 (PH-2Y)



Piezo Transducer (External Drive)**Model: XPT27AL-X236****REVISION HISTORY**

Ver	Description	Date
1.0	initial release	9 Jun 2015
2.0	update new version datasheet, using substitute jst connector	25 Mar 2022
3.0	add piezo disc drawing, packing detail	29 Mar 2022
4.0	update wire length from 50±5 to 55±5, connector brand from "Lianhe" change to "JST"	3 May 2022
5.0	changed connector brand from "JST" to "Lianhe"	12 May 2022