

Specifications Sheet

Product Type : *Magnetic Transducer*

Product Series : *DB109*

Description : *MT TRANSDUCER 3V PIN NORYL RoHS*

Color : *Black*

Electrical Specifications

Model No.	DB109LFPN	
Operating Voltage Range (V)	2.0 ~ 5.0	
Rated Voltage (V)	3.0	
Max. Rated Current (mA)	70.0	
Coil Resistance (Ω)	20.0 \pm 3.0	
Min. Sound Output at 10.0 cm (dBA)	82.0	
Resonant Frequency (Hz)	2731.0	
Operating Temperature ($^{\circ}$ C)	- 30.0 ~ + 70.0	
Storage Temperature ($^{\circ}$ C)	- 40.0 ~ + 85.0	
Terminal	Pin	
Housing Material	Noryl	
Weight (g)	1.0	

+ Value applying rated voltage 2731.0 Hz, 1/2 duty , square wave

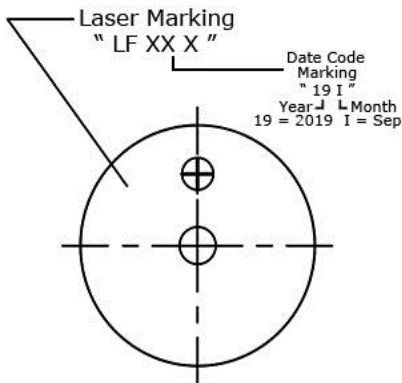
* Value applying resonant frequency, 1/2 duty , square wave ,measuring current 60.0 uA

Dimensions

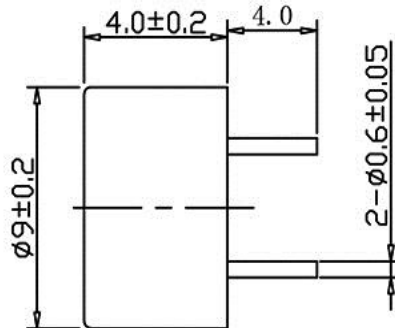
Unit : mm

Tolerance : \pm 0.5 mm

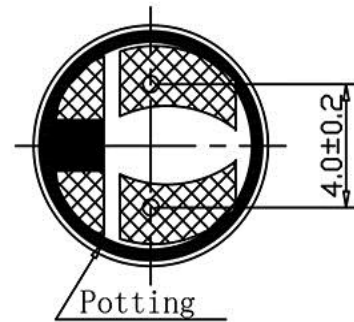
TOP VIEW



SIDE VIEW



BOTTOM VIEW



Modify :	Date :	By :
1) Operating Temperature : -20 ~ +70 $^{\circ}$ C change to -30 ~ +70 $^{\circ}$ C. 2) Add " Storage Temperature " information. 3) 5 mm Pin Length change to 4 mm. 4) Silk Screen marking change to Laser. 5) wEIGHT : 0.6 g change to 1 g. 6) Modify "Mechanical Draw ".	12 Sep 2019	Nelson

Approved By :
Date : 12 Sep 2019

Prepared By :
Date : 12 Sep 2019