



# Magnetic Transducer Specification

## Series HPDX

Model Number: HPDX05ALFMP

Version 1.0

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## 1. ELECTRICAL SPECIFICATIONS



**Model No.:** HPDX05ALFMP

**Description:** MT TRANSDUCER 5V SMD PPS SP  
1 ) TUBE PACKING 2 ) RoHS

<i>MODEL NO.</i>	<i>HPDX05ALFMP</i>
<i>OPERATING VOLTAGE RANGE ( V )</i>	4.0 ~ 8.0
<i>RATED VOLTAGE ( V )</i>	5.0
+ <i>MAX. RATED CURRENT ( mA )</i>	40.0
<i>COIL RESISTANCE ( <math>\Omega</math> )</i>	47.0 $\pm$ 5.0
+ <i>MIN. SOUND OUTPUT at 10cm ( dBA )</i>	87.0
<i>RESONANT FREQUENCY ( Hz )</i>	2048
<i>OPERATING TEMPERATURE ( <math>^{\circ}</math> C )</i>	- 30 ~ + 70
<i>TERMINAL</i>	SMD
<i>HOUSING MATERIAL</i>	PPS
<i>WEIGHT ( g )</i>	2.0

+ Value applying rated voltage resonant frequency, 1/2 duty , square wave

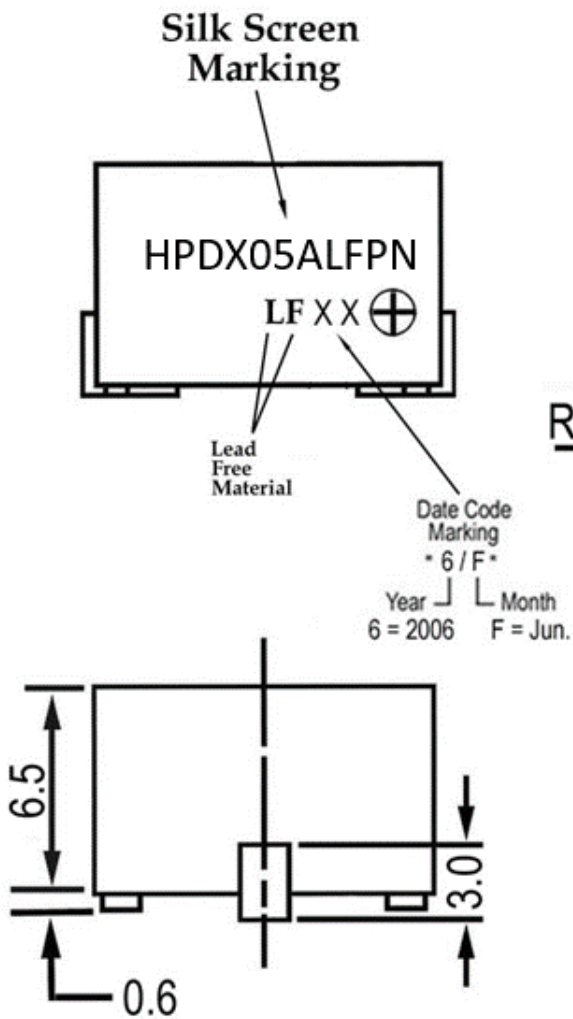
\* Value applying resonant frequency, 1/2 duty , square wave ,measuring current 60uA

## 2. PHYSICAL DIMENSION

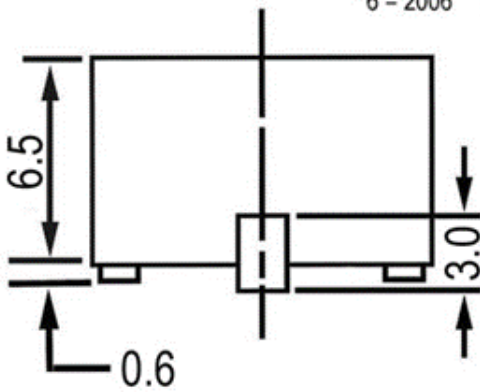
All dimensions stated are in mm

Tolerance:  $\pm 0.2\text{mm}$

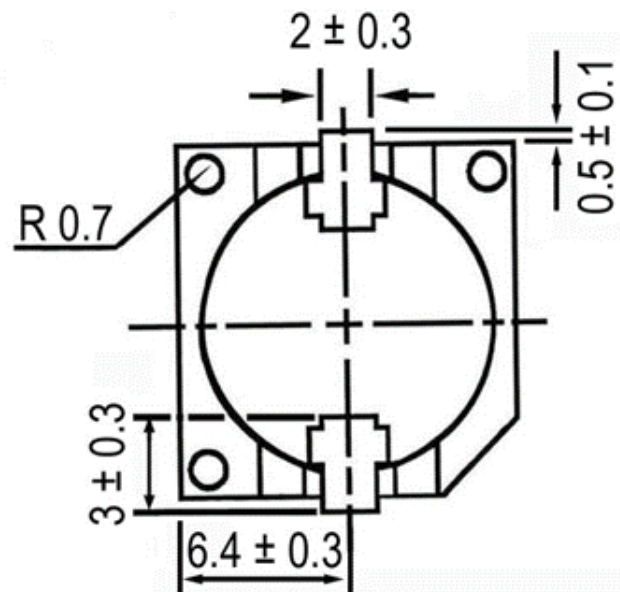
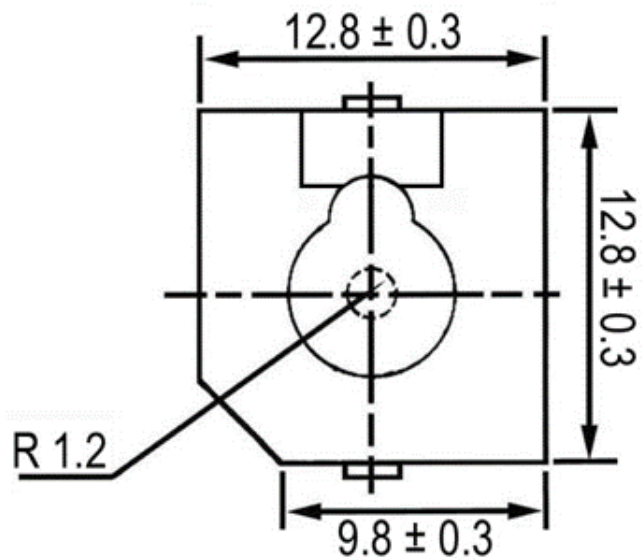
### SIDE VIEW ( 1 )



### SIDE VIEW ( 2 )



### TOP VIEW



### BOTTOM VIEW

## Revision History

Revision	Date	Description
1.0	2006/06	First release

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